istliss recorded?

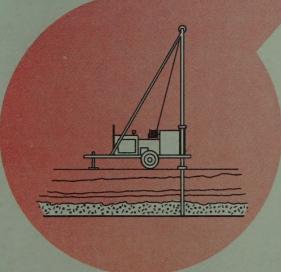
STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION



SOIL MECHANICS
BUREAU





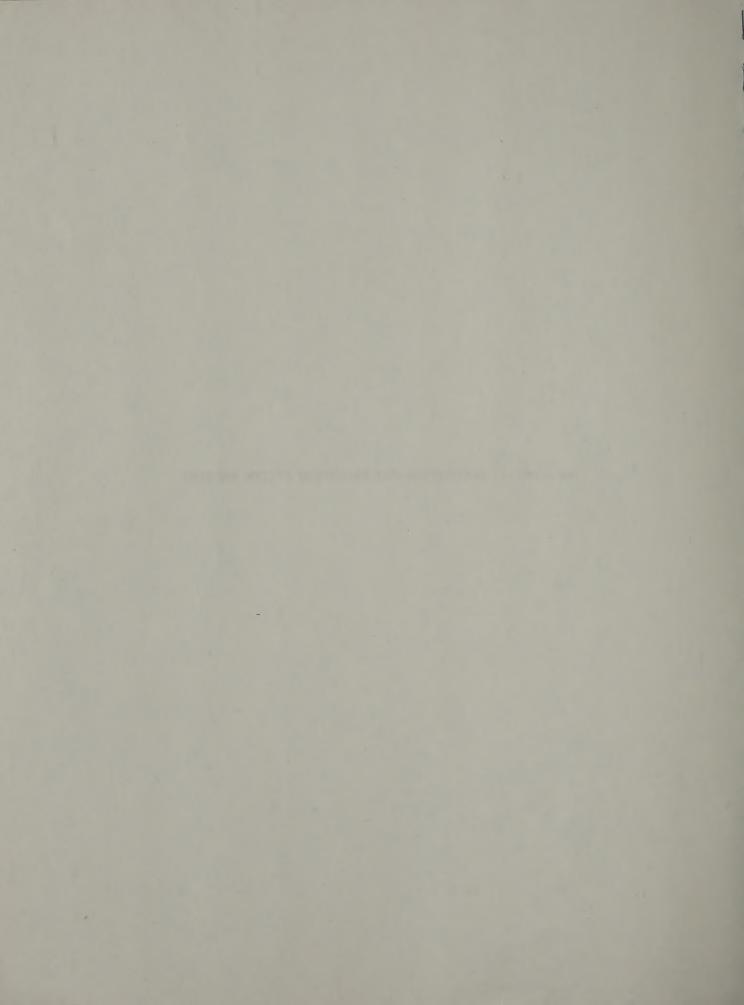


MARS, MANAGEMENT, ACCOUNTING AND REPORTING SYSTEM PROGRAM

JUNE 1986



MANAGEMENT, ACCOUNTING AND REPORTING SYSTEM PROGRAM



NEW YORK STATE

DEPARTMENT OF TRANSPORTATION

SOIL MECHANICS BUREAU

ROADWAY FOUNDATION SECTION

MANAGEMENT, ACCOUNTING AND REPORTING SYSTEM PROGRAM

Version 1.00, JUNE 1986

A DBASE III program

developed by:

Richard Garrabrant, Assistant Soils Engineer

RESERVED IN COMPANY TANABUTE

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I. INTRODUCTION

A)

ABSTRACT

This manual provides assistance to users running the MARS, "Management, Accounting and Reporting System Program". MARS is a management reporting system which utilizes dBASE III software. The program organizes pertinent information for all design projects. This data base includes the project name, PIN, designers name, important dates and manpower expenditures on each job. This program is written for use on an IBM PC-AT microcomputer.

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I. B) PROGRAM DESCRIPTION AND HARDWARE REQUIREMENTS

PROGRAM NAME: MARS, "Management, Accounting and Reporting System"

DESCRIPTION: The program is two fold. The first part revolves around design project information. This information consists of the project description, P.I.N., senior and designers names, pertinent dates and design information required to effectively manage a design project.

The second part of the program tracks project man-hours expended each pay period by each designer in the section. Project man-hours are entered into the computer directly from the employees timesheet.

AUTHOR: Richard Garrabrant, Assistant Soils Engineer

DATE: June 1986

OPERATING SYSTEM: DOS 3.0

PROGRAM LANGUAGE: dBASE III

HARDWARE: IBM PC-AT, 512 KB system memory, 2 disk drives, monitor

and printer.



II. GETTING STARTED

A) TURNING THE SYSTEM ON

Procedure to turn on the computer system and load the dBASE III program.

- 1) Unlock the system unit.
- 2) Turn the printer on. A rocker type switch is located on the back left side above the power cord.
- 3) Turn the monitor on. The switch is located on the right front side.
- 4) Turn the computer on. The red flip switch is located on the right side. The computer will "boot" or turn on. It will tell you the time and date. Press enter to accept these or type in the correct information.
- prompt. DOS stands for Disk Operating System. DOS is an internal program that allows the computer to communicate with the hard disk, the disk drives, the monitor, and the printer. "C" means that the computer is working out of the C drive (also referred to as the hard disk or permanent memory).
- Bureau. These models vary in that they have different types of disk drives. The first model shall be referred to as Type I IBM PC-AT, the second model shall be referred to as Type III BM PC-AT, and the third as Type III IBM PC-AT.



II. B) DEFINITION: IBM PC-AT "TYPES"

Type I The Type I IBM PC-AT microcomputer has 1 high capacity disk drive and 1 double sided, double density disk drive. The high capacity disk drive or A disk drive is located at right top face of the system unit. This disk drive can store up to 1.2 megabytes of data. The double sided, double density disk drive or B disk drive is located beneath the high capacity drive (A drive). This B drive is identified by the presence of an asterik located in the lower right hand corner on the face of the drive. This B disk drive can store up to 360 kilabytes of data. For reference, disk types and drive compatability are described in Appendix B.

Type II The Type II IBM PC-AT microcomputer has 2 high capacity disk drives. Both the A and the B disk drives are capable of storing up to 1.2 MB of information. Only high capacity diskettes should be utilized with this type of microcomputer.

Type III The Type III IBM PC-AT microcomputer has 1 high capacity disk drive and 2 fixed disks.



II. C) LOCATION AND TYPE OF IBM PC-AT

Location	Туре
Structure Foundation Section	I *
General Soils Laboratory	I
Specifications and Standards Section	II
Specifications and Standards Section	III

^{*} The IBM PC-AT located in the Structure Foundation Section has dBASE III permently stored on the C drive.



II. D) LOADING dBASE III

dBASE III may be loaded on the Structure Foundation Section microcomputer by typing the following command at the C prompt (DOS prompt). $C > \underline{DBASE}$ (press enter). The remaining microcomputers located in the General Soils Laboratory and Specifications and Standards Section load dBASE III in the following manner.

First you must get to the A > (this letter - symbol combination is called the A prompt). If the C > (C prompt) is on the screen, type \underline{A} : (press enter), and A > will appear. If the B > is on the screen type A: (press enter) and A > will appear.

DBASE and press enter. Follow the directions or the screen. This requires that you remove the System Disk #1 and place the System Disk #2 in the A drive and press enter. Do not remove the system disk when the red light is on for the A drive. Keep the System Disk #2 in the A drive while using dBASE III.



The dBASE III program loads into the computer and responds with a sign-on identification and copywright notice, then it requests a command, with the cursor next to the "dBASE III dot prompt".

Flashing Cursor

dBASE III version 1.10 IBM/MSDOS ***

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Press the F1 key for help Type a command (or ASSIST) and press the return key (\bot) .

dBASE III dot prompt



Whenever you see the cursor next to this dot, you can enter commands and get an immediate, interactive response from dBASE III. We will show entries in uppercase, but you can use either uppercase or lowercase letters.

This command clears the screen whenever you see the dot prompt.

The user tells the computer where data files are located (on A, B, C or D) drives by setting a default drive.

. SET DEFAULT TO A: (press enter)

. CLEAR (press enter)

Insert the MARS data disk in the A drive.

Use this command for the the microcomputer located in the Structure Foundation Section. This is the Type I microcomputer which has dBASE III permanently stored on the C drive.

For the TYPE II microcomputer.

Type this command:

. SET DEFAULT TO B: (press enter)

Insert the MARS data disk in the B drive.

Note: The type I micro located in the General Soils Laboratory should not be utilized since most of our files are stored on high capacity diskettes and you cannot use them in the double sided, double-density drive (B drive).

For the Type III microcomputer. Type this command:

- . SET DEFAULT TO C: (press enter)
- . SET PATH TO C: \ DBASE (press enter)



The user can select not to hear a bell ring or "beep" after each data entry is completed by typing the following command at the dot prompt:

- . SET BELL OFF (press enter)
- . SET BELL ON (press enter) (if you want to hear a beep).

You can end a dBASE III session at anytime by entering

. QUIT (enter) at the dot prompt.

Typing QUIT and pressing the ENTER key takes you back to either the A > or C > depending on which microcomputer you are using.

If you make typing errors when entering instructions for dBASE III and catch the error before you press the return key, just backspace to the error and correct it. The backspace key is located on the top right hand side of the keyboard area above the enter key. If you pressed the return key, also referred to as the enter key, dBASE III will let you know that it does not understand with an error message similar to the following:

Unrecognized command
Unrecognized phrase
Syntax error
Variable not found
Data type mismatch



At the same time, it may ask

Do you want some help? (Y/N)

If you want to get to the Help file when you see this message, press Y. If not, enter N. Your cursor will appear next to the dot prompt, and you can simply enter the command correctly.

To see what database files are on the data disk: Type:

.DIR *.* (press enter)

This DIR command is an abbreviation for directory. Besides the file names, the DIR listing tells you how many records are in each file, when it was last updated, and how much space you have left on the disk you are using. If you entered a system date when you powered up, dBASE III will enter that as the last update whenever you modify the information in a file.

. DIR +.+			
INVENTOR.DBF	SCREEN.PRG	COMMAND.COM	DATINP.FMT
REPPRG.PRG	SECTIONI.FRM	DIRECT.FRM	INLOCAT.NDX
CONFIG.SYS	DBASE.OVL	BERNE.BAK	ASSIST.HLP
HELP.DBS	CONFIG.DB	MENU4.PRG	INPUT2.PRG
MENU2.PRG	EDIT2.PRG	MENU1.PRG	INFUNC.NDX
INCAT.NDX	INPIN.NDX	INSTAT.NDX	INEMP.NDX
REGION.BAK	REGION.FRM	PROSTAT.FRM	REGION.DBF
PRITN.TXT	LEAVE.FRM	MANPOWER.DBF	BERNE.FMT
SMART.FRM	PROJECT.DBF	CHARGE.BAK	WALT.BAK
INBER.NDX	LEAVE.DBF	SEARCH.BAK	INDEX.PRG
MENU2.BAK	RAG.BAK	INPLOY.NDX	CHARGE: FMT
WALT.FMT	INPUT2.BAK	SEARCH.PRG	EDIT2.BAK
RAG.PRG	INPART.NDX	JOHN.NDX	SWIFT.NDX
MANPOWER.BAK	MENU1.BAK	JOHN.FRM	CHECK.NDX
MENU4.BAK	PAY.NDX	MFUNC.NDX	CONFIG.BAK
INDEX.BAK	OUTPUT.BAK	OUTPUT.PRG	

375202 bytes in 63 files. 828416 bytes remaining on drive.



III. MARS

A) LOADING THE "MARS" PROGRAM:

At the dot prompt Type: . DO MENU1 (press enter)

The following text appears on the screen:

**** MAIN MENU ****

- (1) ... ADD DATA
- (2) ... EDIT DATA
- (3) ... PRINT REPORTS
- (4) ... QUIT

ENTER YOUR CHOICE

The Main Menu presents four options to the user. Selecting option one allows the user to enter either management or project man-hour data. Option two allows the user to edit both management and the project man-hour files. Option three generates reports on the printer. Option four allows the user exit from the MARS program and return to the dBASE III dot prompt.

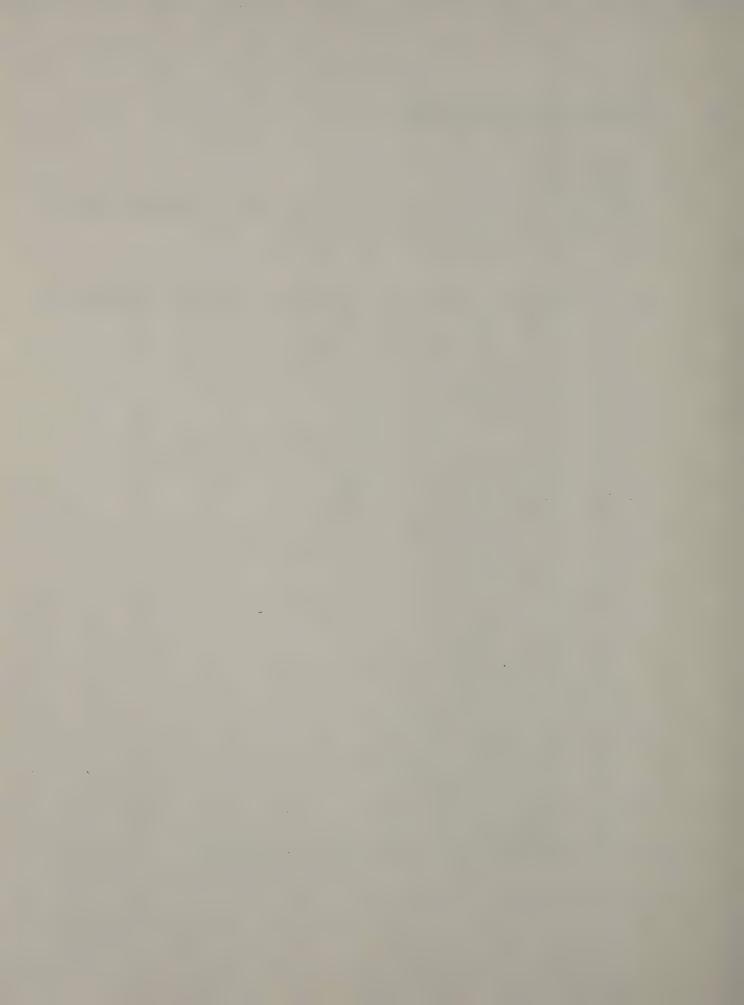


E) PROGRAM DATA INPUT REQUIREMENTS

1. "PROJECT DATA"

The following project data is obtained from the Roadway Foundation Section's supervisor, the appropriate senior and designer.

- 1) Category; (either Design, Instrumentation or Research & Development).
- 2) Project Name, (up to 35 characters).
- 3) P.I.N.; (enter the complete P.I.N., i.e. 2378.13.121)
- 4) Current pay period number.
- 5) Function Code for the P.I.N.
- 6) Status; (either New, Active, Inactive, Backlog or Completed).
- 7) Senior's initials; (3 initials).
- 8) Designer's initials; (3 initials).
- 9) Date project received; (i.e. type 06/01/86 for June 1, 1986.)
- 10) P.S.&E.
- 11) Date plans received; (i.e. 01/06/86)
- 12) Date borings received.
- 13) Date laboratory data received.
- 14) Target completion date.
- 15) Date design work started.
- 16) Date design work completed.
- 17) Number of problems in.
- 18) Number of problems out.
- 19) Comments on the project; (up to 254 characters).



II. E) PROGRAM DATA INPUT REQUIREMENTS

2. "MAN-POWER EXPENDITURES DATA"

The following data is taken directly from each employees time sheet and entered into the computer:

- 1) Employee initials
- 2) Pay period number
- 3) Function code
- 4) P.I.N.
- 5) Man-hours spent on the design project

Research and Development projects require that the function code plus a special coding (A-Z), be entered into the file. This coding is described in a B. E. Butler memorandum dated June 4, 1986 and located in Appendix C.



een.

Selecting	option	#1,	"ADD	DATA"	from	the	Main	Menu,	the	following	text
appears on	the scre	en:									

	* DATA ENTRY MENU * *******************************	* * *
	(1) ENTER MANAGEMENT DATA	1
	(2) ENTER PROJECT MAN-HOU	TRS
	(3) RETURN TO MAIN MENU	
ENTER YOUR CHOICE		
	flashing cursor	
Selecting option #1	"ENTER MANAGEMENT DATA" presents	the following scr

PROJECT DESCRIPTION: I-81, HIAWATHA BLVD.

P.I.N.: 3298.00.313 FUNCTION CODE: E303

PAY PERIOD NUMBER: 2 STATUS: NEW

SENIOR'S INITIALS: EDK DESIGNER'S INITIALS: JER

PROJECT RECEIVED ON: 01/01/86 PS&E: 01/01/88

PLANS RECEIVED: // BORINGS RECEIVED: //

LAB DATA RECEIVED: // TARGET COMPLETION DATE: //

DESIGN STARTED: // DESIGN COMPLETED: //

NUMBER PROBLEMS IN: $\underline{1}$ NUMBER PROBLEMS OUT: $\underline{0}$

COMMENTS: BORING PROGRAM ONGOING

CATEGORY: DESIGN



The user then enters the required data. To save the changes or additions made to the file, press and hold the CTRL key, simultaneously press the letter key "W" then release both keys at the same time.

To exit without saving changes made to a file; press the ESC Key.

Various other control keys which are commonly used are discussed in Appendix A.

The Data Entry Menu appears on the screen and the user may select to return to the Main Menu or to enter project man-hours.

Selecting option #2 "ENTER PROJECT MAN-HOURS" presents the following text on the screen:

PAY PERIOD: 2

FUNCTION CODE: E304 P.I.N.: 3298.00.313

SENIOR'S INITIALS: EDK MANHOURS FOR SENIOR: 00.00

DESIGNER'S INITIALS: JER MANHOURS FOR DESIGNER: 30.00

The user enters the requested data and saves it by pressing either the CTRL-W or CTRL-END keys. These multi-key commands return you to the "DATA ENTRY MENU".

The user may then return to the Main Menu by selecting option #3 "RETURN TO MAIN MENU".



At the MAIN MENU the user may select to edit data existing in either management or project man-hour files. Choosing option #2 "EDIT DATA" presents the following screen:

- (1) ... EDIT MANAGEMENT DATA
- (2) ... EDIT PROJECT MAN-HOURS
- (3) ... RETURN TO MAIN MENU

ENTER YOUR CHOICE

Selecting option #1 "EDIT MANAGEMENT DATA" presents the following on the screen.

ENTER THE FUNCTION CODE: E301

ENTER THE PIN FOR THE PROJECT: 1089.34.122

The user types in the appropriate function code and P.I.N. for the project and the computer finds that job file.

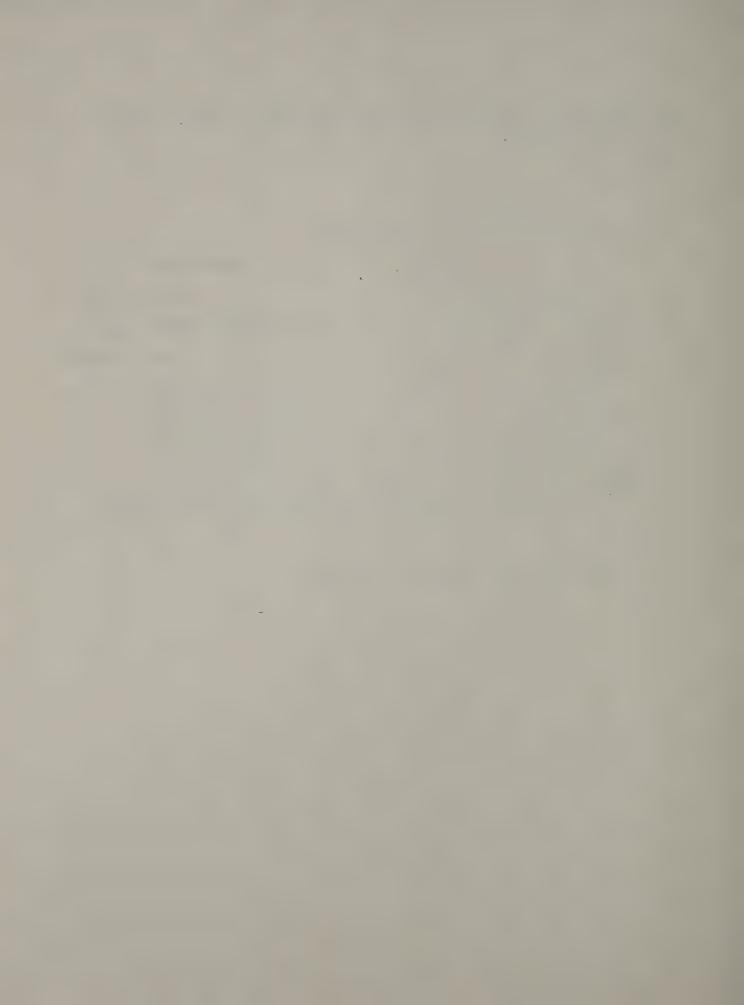


The following file information appears on the screen. The user can now change the desired data.

CATEGORY: DESIGN PROJECT DESCRIPTION: RTE. 4 & 197 BRIDGES P.I.N.: 1089.34.122 FUNCTION CODE: E301 PAY PERIOD NUMBER: 2 STATUS: ACTIVE SENIOR'S INITIALS: EDK DESIGNER"S INITIALS: JSD PROJECT RECEIVED ON: 01/01/85 PS&E: 06/01/87 PLANS RECEIVED: // BORINGS RECEIVED: / / LAB DATA RECEIVED: / / TARGET COMPLETION DATE: __/_/_ DESIGN STARTED: / / DESIGN COMPLETED: / / NUMBER PROBLEMS IN: 1 NUMBER PROBLEMS OUT: 0

COMMENTS: Alignment change. New studies will be required.

Save changes by pressing the CTRL-W keys.



Selecting option #2 "EDIT PROJECT MAN-HOURS" presents the following text on the screen.

ENTER THE PAY PERIOD: 2

ENTER THE FUNCTION CODE: E303

ENTER THE PIN FOR THE PROJECT: 1057.11.121

The user fills in the requested data and the computer searches for that particular file.

The following appears on the screen, and the user can now modify the file contents.

PAY PERIOD: 2

FUNCTION CODE: E303 P.I.N.: 1057.11.121

SENIOR'S INITIALS: JTS MANHOURS FOR SENIOR: 4.00

DESIGNER'S INITIALS: ____ MANHOURS FOR DESIGNER: 0.00



DELETING BLANK FILES

The Data Editing Menu can also be used to delete "blank" files. These blank files are created inadvertantly by hitting the page up and page down keys while in the "ADD DATA" options.

These blank files may be deleted by choosing an edit option and pressing the return key with no search criteria specified. In other words, search for a screen with no data on it. These screens may be deleted by pressing the CTRL-U keys. An asterik with del next to it will appear at the top of the screen.

If you press the CRTL-U keys again, this will undelete the file, rather it will not be marked for deletion. When the user tells the program to print the output, the computer will eliminate those records marked for deletion.

Press CTRL-W to save this change to the file.



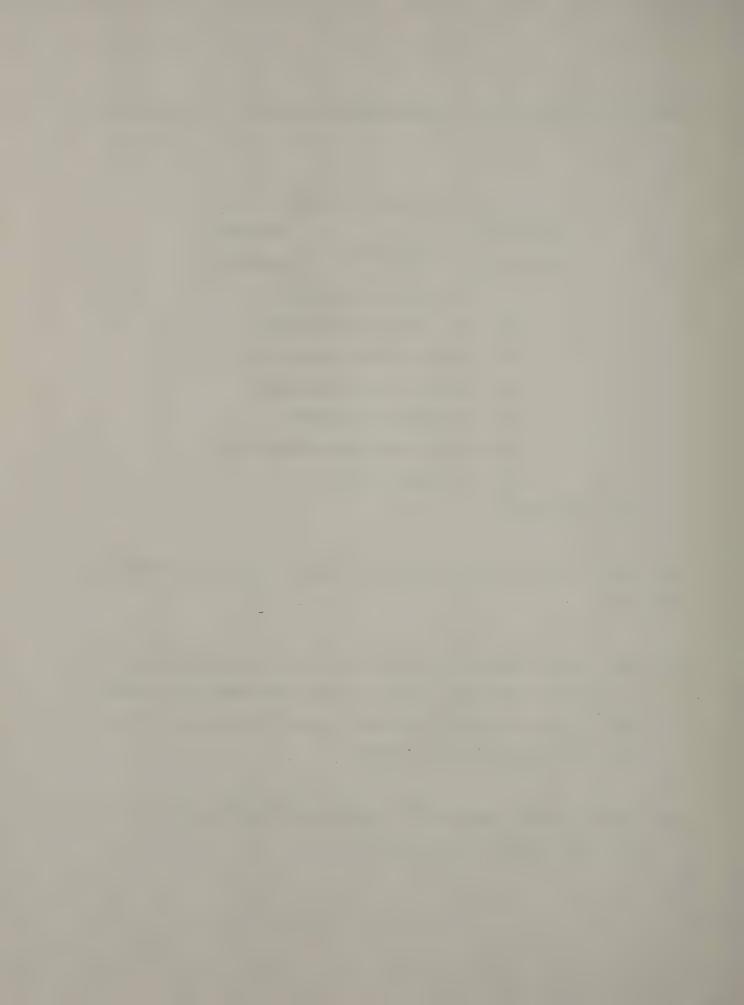
SELECTING MAIN MENU OPTION #3 "PRINT REPORTS" presents the following screen:

- (1) ... RFS PROJECT STATUS REPORT
- (2) ... SENIOR'S PROJECT STATUS REPORT
- (3) ... PROJECT MAN-DAYS CHECKSHEET
- (4) ... PROJECT MAN-DAYS REPORT
 - (5) ... END OF YEAR PROJECT STATUS REPORT
 - (6) ... RETURN TO MAIN MENU

ENTER YOUR CHOICE

Five reports can be generated from the program. They are described as follows:

- (1) "RFS PROJECT STATUS REPORT" generates a Project Status Report for both the Roadway Foundation Section and the Instrumentation Section. Projects with a status of "completed" are not reported here. They are reported in the "END OF YEAR REPORT."
- (2) "SENIOR'S PROJECT STATUS REPORT" generates an individualized report for each senior engineer in the section.



- (3) "PROJECT MAN-DAYS CHECKSHEET" generates a printout used to verify that the project man-hours input is correct. This program requests the pay period number for your desired data check.
- (4) "PROJECT MAN-DAYS REPORT". After the user has checked the project man-days input utilizing the output generated from report option (3) "PROJECT MAN-DAY CHECKSHEET" the user can generate an official "PROJECT MAN-DAYS REPORT".
- (5) "END OF YEAR PROJECT STATUS REPORT" generates the same output as option (1) "PROJECT STATUS REPORT" except that it lists all projects including those with a status of "completed". This output is used for the section's quarterly and end of the year work review.

When the user presses a report selection number either 1, 2, 3, 4 or 5 the following message appears on the screen. (Do not touch the keyboard at this time)

PLEASE WAIT WHILE I CLEAN UP THE DATA!!

The printer will then print your desired report. For reference, printer setup and programming is located in Appendix D.



IV. BACKUP PROCEDURES

All files should be backed up (that is, copied) on a regular systematic basis to protect against disk loss or damage. Disk loss or damage may be due to either operator error or disk failure. This backing up is accomplished by the following procedure:

Obtain the following:

1) MARS data disk
2) MARS backup #1 all high capacity diskettes
3) MARS backup #2

Exit dBASE III to the C > .

Insert the MARS data disk in the A drive.

Type:

C > CD/DBASE (press enter)

C > COPY A: *.DBF C: (press enter)

These commands copy all of your database files onto the hard disk.

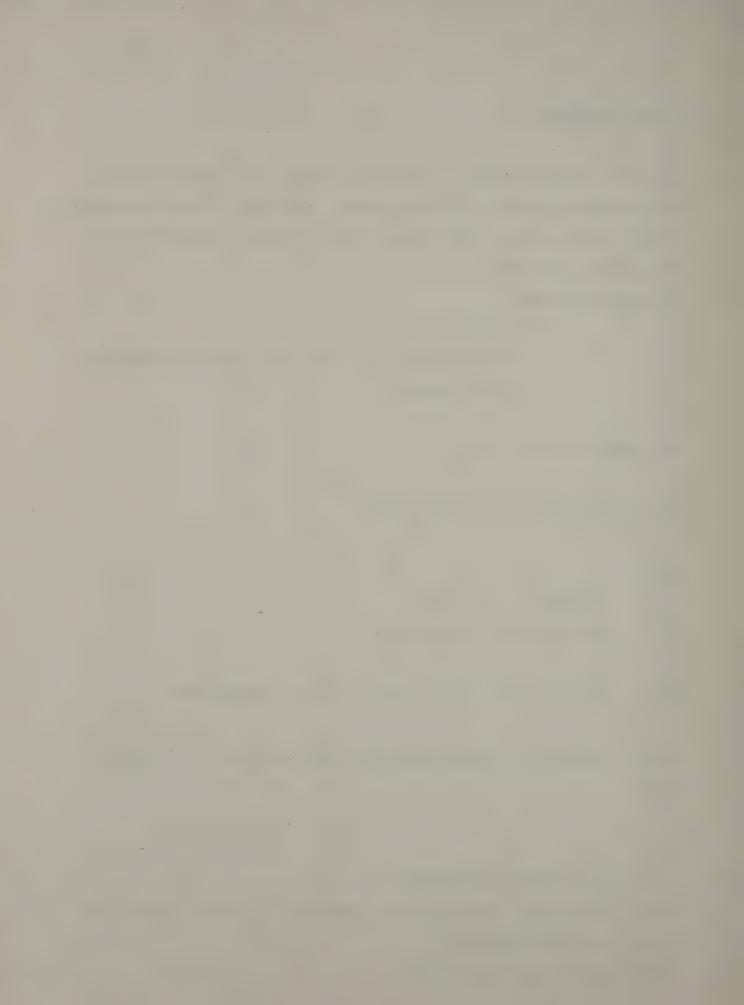
Remove the MARS disk from the A drive and place the backup disk #1 into the A drive.

Type:

C > COPY C: *.DBF A: (press enter)

Remove backup disk #1 and insert the backup disk #2 in the A drive and repeat the previous command.

C > COPY C: *.DBF A: (press enter)



V

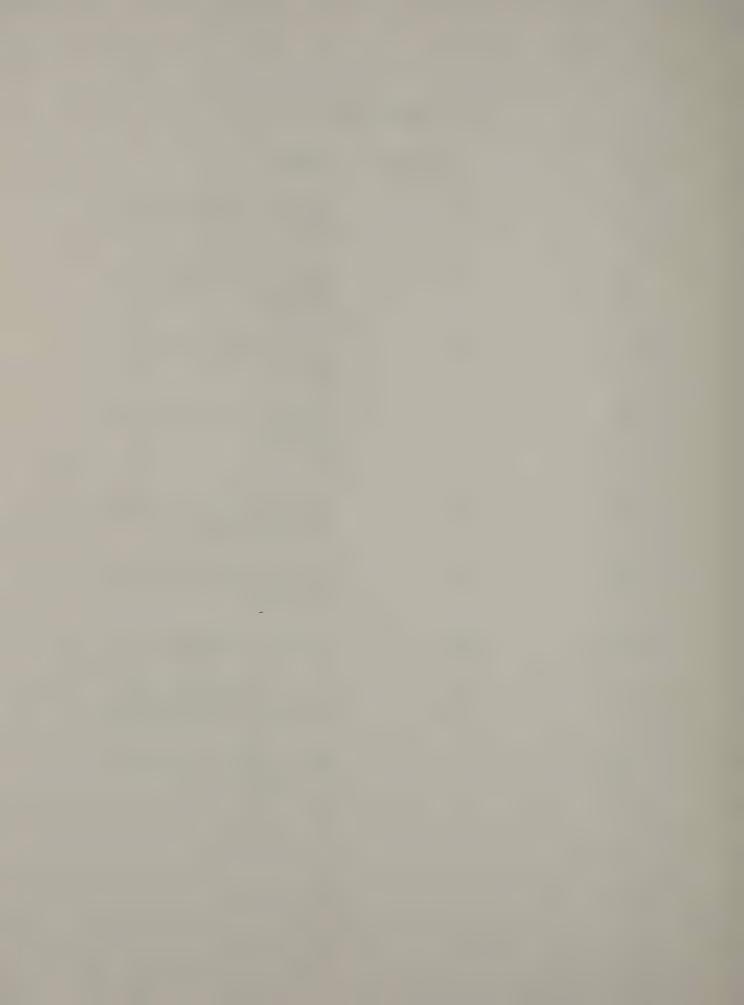
APPENDIX A

"CONTROL KEYS"



CONTROL KEYS

KEY	ALTERNATE	FUNCTION
†	A E	Moves the cursor up on line or field.
↓	1 _X	Moves the cursor down on line or field.
4	1 _S	Moves the cursor one space to the left.
	^ D	Moves the cursor one space to the right.
De1	^ _G	Erases the character directly under the cursor.
End	$\gamma_{ m F}$	Moves the cursor one word to the right.
1 End	∧ _W	Exit and save changes.
Esc	^Q	Exits without saving changes and returns to the dot prompt.
Home	^ A	Moves the cursor one word to the left.



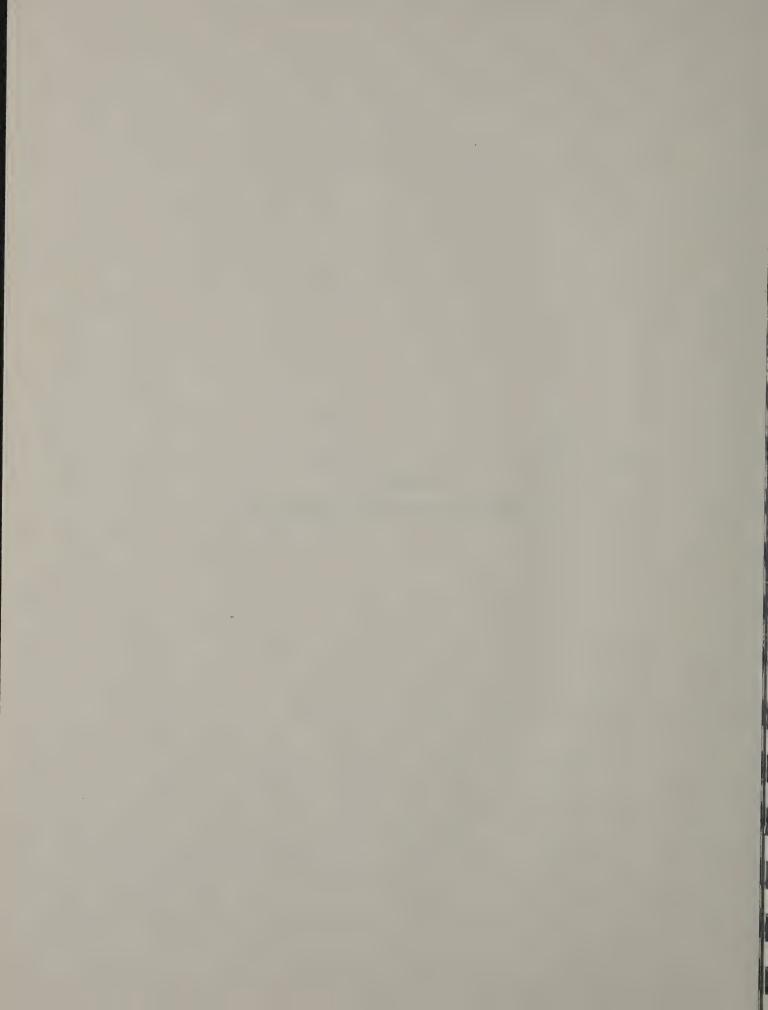
CONTROL KEYS

<u>KEY</u>	ALTERNATE	FUNCTION
Ins	٩	Toggles INSERT mode on and off. When it is ON, it inserts the character before the cursor. When it is OFF, it overwrites the character under the cursor.
PgUp	1 _R	Moves back to the previous record, screen display.
PgDn	^c	Moves to the next record.
(RETURN) or 📣		Moves the cursor to the next field or line.
∕ υ		Marks a record for deletion in EDIT.



APPENDIX B

"DISKETTE DRIVES AND DRIVE COMPATABILITY"

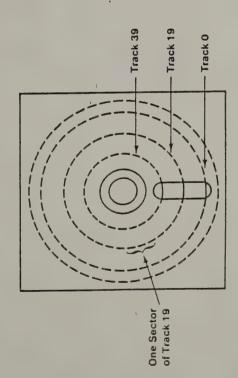


Tracks, Bytes, and Sectors

diskette drive moves back and forth from one track to drive head find certain data to read or find a place to Information is written on diskettes along concentric another as the diskette spins. This lets the diskette circles called tracks. The read/write head of the write information.

sectors. Space on a diskette is measured in bytes. One The terms sector and byte are also used to describe diskettes. Tracks are divided into sections called hyte holds one character.

depends on the type of diskette. The following sections The number of tracks, sectors, and bytes on a diskette describe the types of diskettes and diskette drives.



ypes of Diskette Drives

Your IBM Personal Computer can have the tollowing types of diskette drives:

- Single-sided (160KB/180KB)
- Double-sided (320KB/360KB)
- High-capacity (1.2MB)

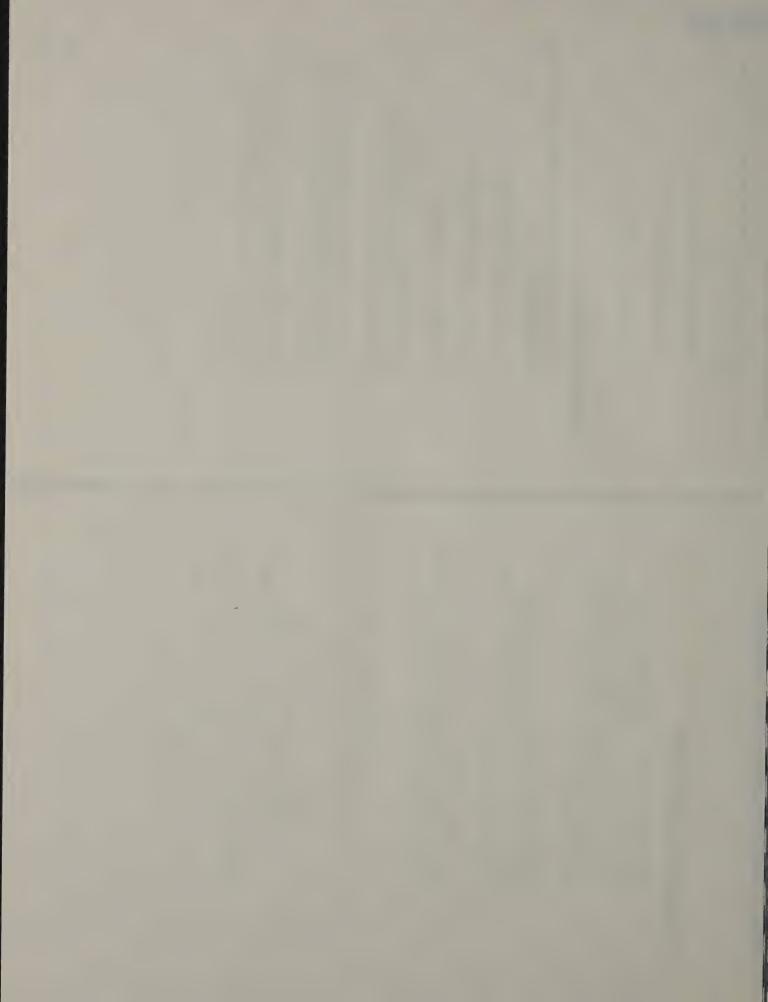
Types of Diskettes

You can use the following types of diskettes to read and write information:

- Single-sided (160KB/180KB)
- Double-sided (320KB/360KB)
- High-capacity (1.2MB)

A single-sided diskette contains 40 tracks, 8/9 sectors per track, and holds up to 160K/180K bytes of information (K equals 1024).

A double-sided diskette contains 40 tracks per side, 8/9 sectors per track, and holds up to 320K/360K bytes of information (K equals 1024). A high-capacity diskette is a double-sided diskette that contains 80 tracks per side, 15 sectors per track, and holds up to 1.2M bytes of information (M equals 1,048,576).



Diskette Drives 1-3

About Diskette and Dr' Compatibility The following chart shows the compatability of your

The following chart shows the compatability of your IBM Personal Computer AT drives with different types of formatted diskettes.

	Single Sided Diskette (160/180K)	Double Sided Diskerte (320/360K)	High Capacity Diskette (1.2M)
• Double Sided Drive ->	Read or Write	Read or Write	Do Not Use (1)
High Capacity Drive ->	Read Only (2)	Read Only (2)	Read or Write

0

- Do not use in a Double Sided drive.
- double sided diskette with your High Capacity drive, that diskette may become unusable in a Single Sided or Double Sided drive. To guard against accidently writing (recording) on these diskettes, you should consider placing a write protect tab on the diskette before you use it. Refer to the "Write Protect" procedure later in this section.

Summary of Diskette and Drive Compatibility

- Use only high capacity diskettes to read and record in the 1.2M bytes format with your IBM Personal Computer AT High Capacity drive.
 - Use only double sided diskettes to read and record in the 320/360K bytes format with your IBM Personal Computer AT High Capacity drive. Use only double sided diskettes in a Double Sided
- drive.
 Do not write on double sided diskettes in your High Capacity drive if you intend to use the diskettes in a

double sided drive.



APPENDIX C

"LETTER CODE FOR RESEARCH & DEVELOPMENT PROGRAMS"



DATE: June 4, 1986

SUBJECT: IDENTIFYING RESEARCH & DEVELOPMENT PROJECTS

FOR MANPOWER REPORTING NEEDS

FROM: Bernard E. Butler, Associate Soils Engineer

TO: Roadway Foundation Section

In order to identify a Research & Development project on your time sheet, a letter code is being assigned to each project.

When completing your time sheet, please write in the left hand margin, opposite the function code, the letter code that is assigned to that specific R & D project. If you are working on two or more projects with the same function code, separate them. Place each project on a separate line and identify each with its letter code.

Attached is a list of R & D projects with their assigned letter codes.

Project	Function Code	Letter Code
MUD 3 Report (design)	E303	A
MUD 3 Report (const.)	E303	В
TRB - Manual - Foundations #2	E353	C
Drill Log Interpretation	E353	D
Recharge Basin Report	E353	E
Clay Embankment Study	E353	F
Dutch Cone Interpretation	E353	G
Constant Rate of Strain	E353	H
Pp vs Strength for Org. Silt	E353	I
Computer Development	E354	J
Triax. Cu Extension Tests	E362	K
Close Sequence Excav. & Backfi	.11 E353	L

If there are any questions, see John Harrigan.

FA:WSJ:nlw Attachment:



APPENDIX D

"PRINTER SETUP AND PROGRAMMING"



TABLE 5. EXAMPLE OF CHANGING FONT AND CPI PRINTER STATUS CONFIGURATION

ACTION

1. With printer turned ON, press to enter LOCAL.

2. Press PRGM to enter PROGRAM.



RESULTS

ON LINE indicator is extinguished.

ON LINE indicator flashes while in the programming condition.

3. Set SELECT rotary switch to 1 and press

OR: to Ø (FASTER OUTPUT)

No visible results. Printer Font is changed to NLQ-Gothic.

NOTE

Available font selections are:

SELECT ROTARY SWITCH SETTING O Standard (Draft) 1 NLQ-Gothic Unassigned 9 Alternate (optional plug-in chip)

4. Set SELECT rotary switch to 4 and press



No visible results.

Printer CPI is changed to 16.5.

NOTE

Available CPI are:

 SELECT ROTARY

 SWITCH SETTING
 CPI

 0
 10

 _1
 12

 2
 13.1

 3
 15

 4
 Compressed (16.5 CPI in IBM-GP; 17 CPI in 84/2)

 5-9
 Unassigned

5. To exit PROGRAM, press



ON LINE indicator changes from flashing to extinguished.

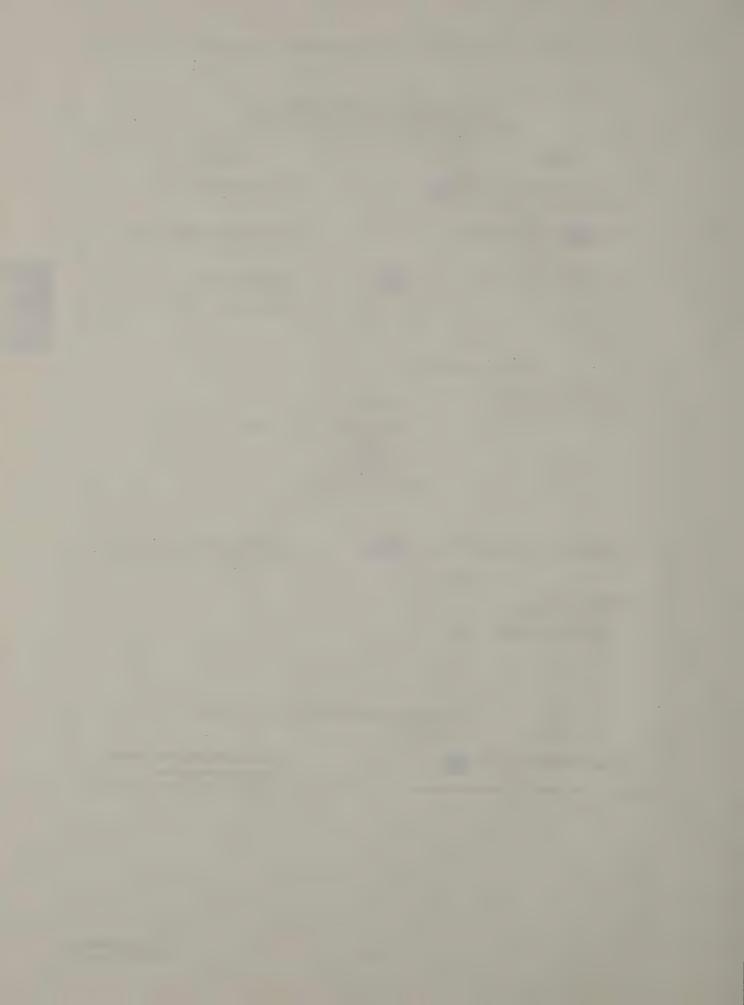


TABLE 5. EXAMPLE OF CHANGING FONT AND CPI PRINTER STATUS CONFIGURATION (Continued)

ACTION

RESULTS

6. If desired, check changes by printing printer status

Printer status prints out: (See example below)

message - Press and hold



Then press and release



PRINTER STATUS: (506514)

FONT: Draft MODE: Normal

FORM LENGTH: 11 Inches

LPI: 6 CPI: 16.5

CONFIGURATION: Download, 2K Buffer

EMULATION: IBM Graphic DIP SWITCH SETTING:

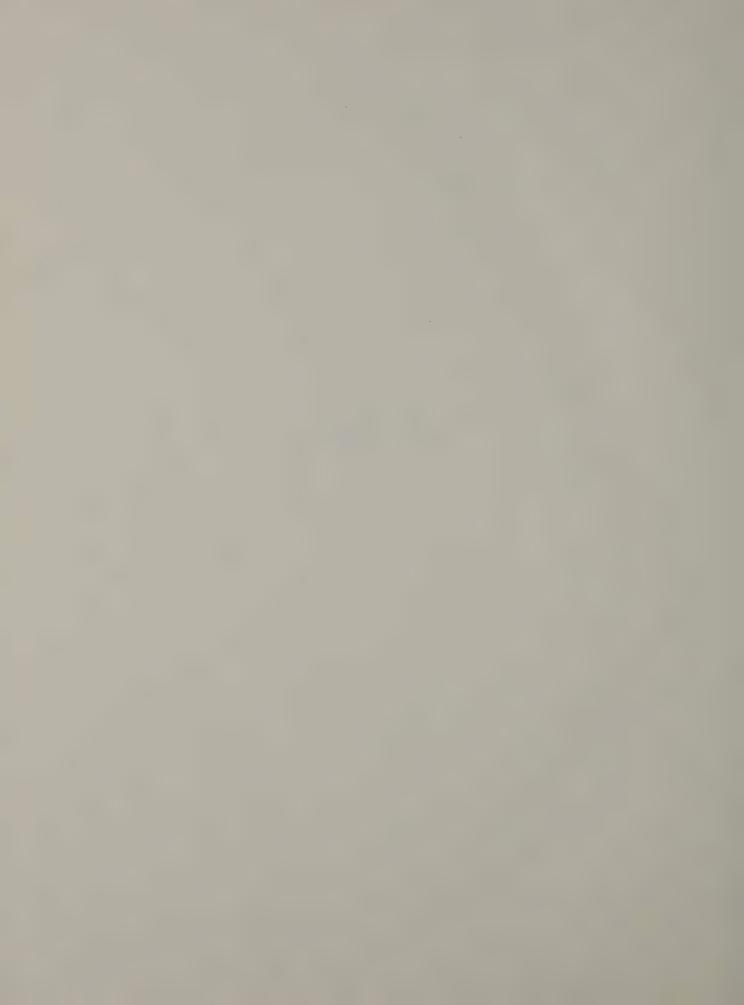
3

X0101011 X0000000 X0010000 X0111000



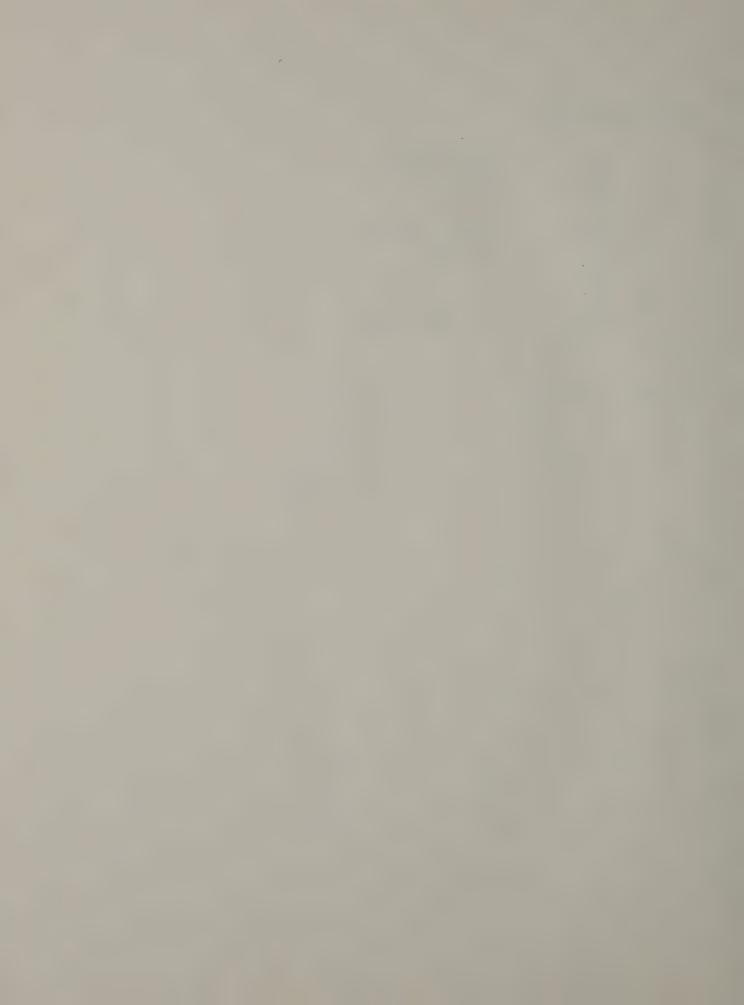
APPENDIX E

"PROGRAM LISTING"



DBASE III File Types

	.DBF	Database File.
***************************************	. FMT	Format file.
	.FRM	Report form file.
	.NDX	Index file.
	.PRG	Command file.
	.TXT	Text output file.
file name	Extension -	

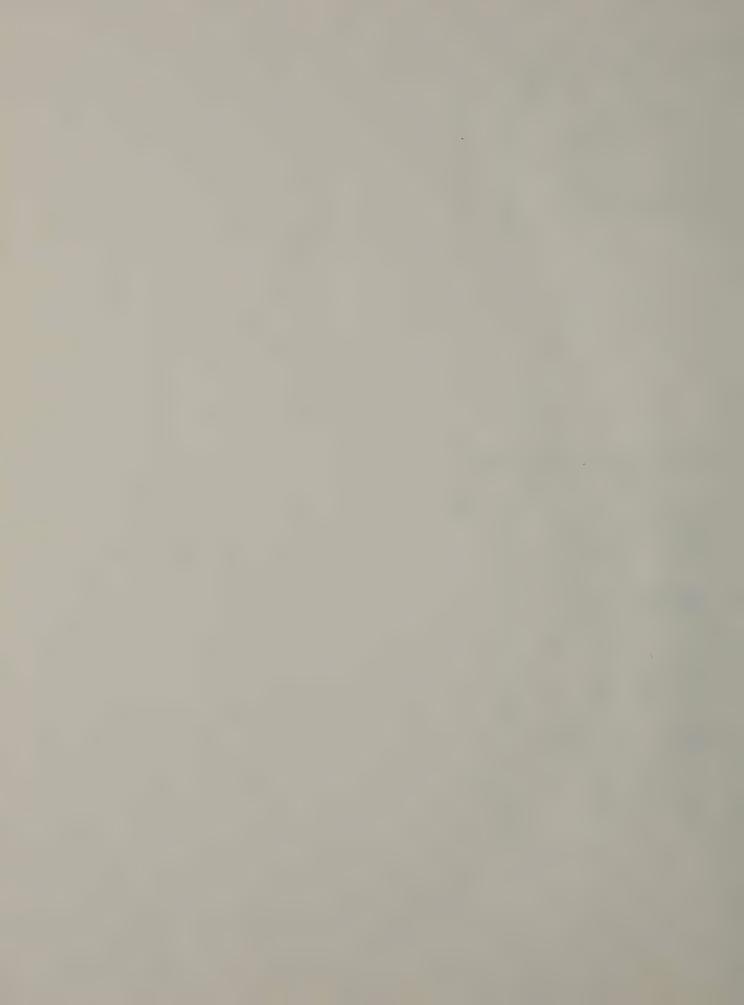


. display structure tructure for database : B:PROJECT.dbf umber of data records : 253 Date of last update : Ø7/17/86 weld Field name Type Width Dec PAY_PERIOD 2 Character 2 PIN 11 Character 3 FUNC_CODE 4 Character 4 SENIOR Character 3 5 DESIGNER 1 Character 3 6 MANHOURSSE Numeric 6 2 2 7 MANHOURSD1 Numeric 6 Total ** 36

display structure Structure for database : B:MANPOWER.dbf Mumber of data records: : 07/14/86 ate of last update Type ield Field name Width Dec PAY_PERIOD 1 Character 2 2 CATEGORY Character 22 3 PROJECT 25 Character 4 PIN 11 Character 5 FUNC_CODE Character 4 6 NUMPROB_IN Numeric 3 **NUMPROBOUT** 3 Numeric 8 9 STATUS Character 9 PS_E 8 Date 10 RECVD_PROJ 8 Date 11 RECVD_PLAN 8 Date 12 RECVD_BOR1 8 Date 13 RECV_LABD1 8 Date 14 COMMENTS 254 Character 15 SENIOR Character 3 16 DESIGNER 1 Character 3 ess any key to continue... 17 TARGET_DAT Date 8 18 DESN_START Date 8 19 DESN COMP Date 8 ** Total ** 404

EJECT

CLEA



```
. TYPE MENU1.PRG
        COMMAND FILE ---- MENU1
* THIS IS THE MAIN MENU FOR THE MANPOWER REPORTING SYSTEM PROGRAM
* THIS MENU PRESENTS OPTIONS FOR EITHER DATA ENTRY OR REPORT
* GENERATION
SET TALK OFF
CLEAR
STORE O TO COUNTER
DO WHILE COUNTER = 0
CLEAR
TEXT
       ***********
            NEW YORK STATE DEPARTMENT OF TRANSPORTATION
        SOIL MECHANICS BUREAU - ROADWAY FOUNDATION SECTION
                   MANPOWER REPORTING SYSTEM
      ****************
                      **** MAIN MENU ****
                      <1> ... ADD DATA
                      <2> ... EDIT DATA
                      <3> ... PRINT REPORTS
                      <4> ... QUIT
ENDTEXT
WAIT 'ENTER YOUR COICE' TO CHOICE
DO CASE
   CASE CHOICE='1'
       CLEAR
       DO MENU2
       CLEAR
   CASE CHOICE='2'
       DO EDIT2
       CLEAR
   CASE CHOICE='3'
       CLEAR
       DO MENU4
       CLEAR
   CASE CHOICE='4'
       CLEAR
       CLOSE DATABASES
       CANCEL
   OTHERWISE
       ? 'YOU GOOFED!! TRY AGAIN!'
       WAIT
       CLEAR
ENDCASE
ENDDO
```

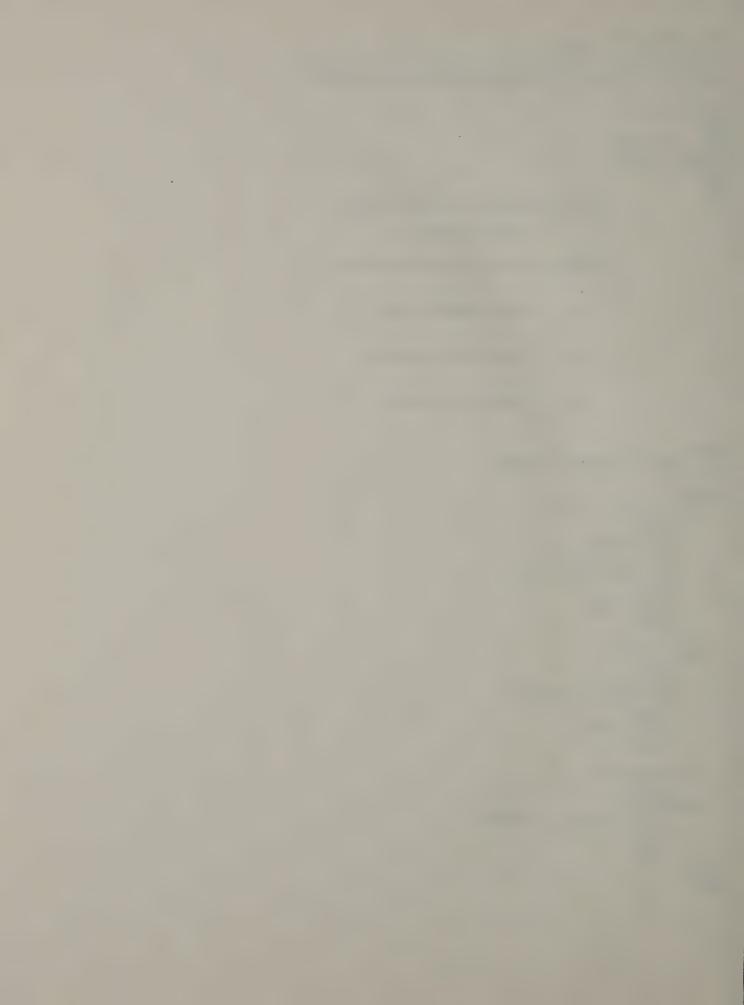
P.



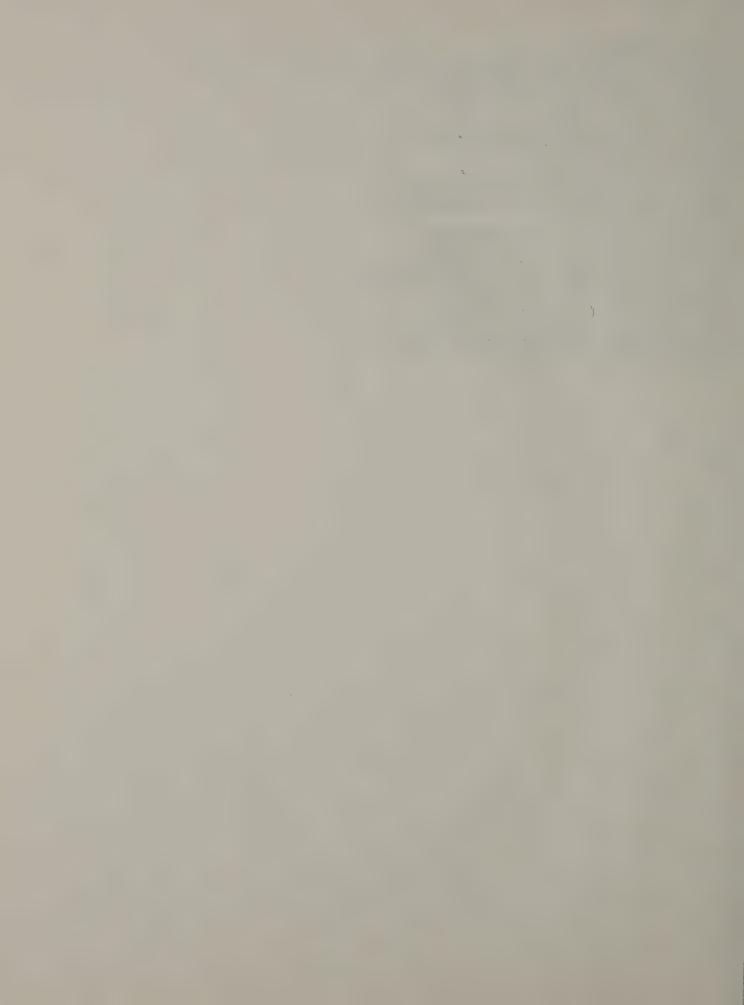
```
* COMMAND FILE --- MENU2
* THIS MENU PRESENTS OPTIONS FOR DATA ENTRY
* DATA MAY BE ENTERED FOR EITHER A PARTICULAR DESIGN PROJECT
SET TALK OFF
CLEAR
STORE O TO COUNTER
DO WHILE COUNTER = 0
CLEAR
TEXT
               ***********
                     ... DATA ENTRY MENU ...
               ***********
                   <1> ... ENTER MANAGEMENT DATA
                   (2) ... ENTER PROJECT MANHOURS
                   <3> ... RETURN TO MAIN MENU
ENDTEXT
WAIT 'ENTER YOUR CHOICE' TO CHOICE
DO CASE
   CASE CHOICE='1'
       CLEAR
       USE MANPOWER
       SET INDEX TO INCAT
       SET FORMAT TO WALT.FMT
       APPEND
       CLOSE FORMAT
       CLEAR
   CASE CHOICE='2'
       CLEAR
       USE PROJECT
       SET FORMAT TO BERNE.FMT
       APPEND
       CLOSE FORMAT
       CLEAR
   CASE CHOICE='3'
       RETURN
   OTHERWISE
       ? 'YOU GOOFED!!! TRY AGAIN!!'
       WAIT
       CLEAR
```

ENDCASE ENDDO

. TYPE MENU2.PRG



- . TYPE WALT.FMT
- WALT.FMT PROGRAM
- * THIS IS THE FORMAT SCREEN PROGRAM FOR DATA INPUT @1,14 SAY "CATEGORY:" GET CATEGORY @3,3 SAY "PROJECT DESCRIPTION:" GET PROJECT @5,16 SAY "P.I.N.:" GET PIN @5,46 SAY "FUNCTION CODE:" GET FUNC CODE @7,5 SAY "PAY PERIOD NUMBER:" GET PAY_PERIOD @7,53 SAY "STATUS:" GET STATUS 09,5 SAY "SENIOR'S INITIALS:" GET SENIOR @9,40 SAY "DESIGNER'S INITIALS:" GET DESIGNER_1 @11,3 SAY "PROJECT RECEIVED ON:" GET RECVD_PROJ @11,55 SAY "PS&E:" GET PS_E @13,8 SAY "PLANS RECEIVED:" GET RECVD_PLAN @13,43 SAY "BORINGS RECEIVED:" GET RECVD_BOR1 @15,5 SAY "LAB DATA RECEIVED:" GET RECV_LABD1
- @15,37 SAY "TARGET COMPLETION DATE:" GET TARGET DAT @17,8 SAY "DESIGN STARTED:" GET DESN_START @17,43 SAY "DESIGN COMPLETED:" GET DESN_COMP
- @19,4 SAY "NUMBER PROBLEMS IN: " GET NUMPROB_IN @19,40 SAY "NUMBER PROBLEMS OUT:" GET NUMPROBOUT
- @21,3 SAY "COMMENTS:" GET COMMENTS



. TYPE BERNE.FMT

*

* FORMAT PROGRAM BERNE.FMT

* THIS IS THE DATA ENTRY SCREEN FOR PROJECT MANHOURS

@3,14 SAY "PAY PERIOD:" GET PAY_PERIOD
@5,11 SAY "FUNCTION CODE:" GET FUNC_CODE
@5,37 SAY "P.I.N.:" GET PIN
@9,7 SAY "SENIOR'S INITIALS:" GET SENIOR
@9,37 SAY "MANHOURS FOR SENIOR:" GET MANHOURSSE
@13,5 SAY "DESIGNER'S INITIALS:" GET DESIGNER_1
@13,35 SAY "MANHOURS FOR DESIGNER:" GET MANHOURSD1



```
. TYPE EDIT2.PRG
* EDIT2.PRG
* PROGRAM FOR EDITING DATA
SET TALK OFF
CLEAR
STORE O TO COUNTER
DO WHILE COUNTER = 0
CLEAR
TEXT
                   *********
                   ***** DATA EDITING MENU ... *****
                   **********
                     <1> ... EDIT MANAGEMENT DATA
                     <2> ... EDIT PROJECT MAN-HOURS
                     <3> ... RETURN TO MAIN MENU
ENDTEXT
WAIT 'ENTER YOUR CHOICE' TO CHOICES
DO CASE
   CASE CHOICE5 = '1'
       CLEAR
       DO INPUT2
       CLEAR
   CASE CHOICE5 = '2'
       CLEAR
       DO SEARCH
       CLEAR
   CASE CHOICE5 = '3'
       RETURN
   OTHERWISE
       ? 'YOU GOOFED!!! TRY AGAIN!!'
       WAIT
       CLEAR
ENDCASE
```

ENDDO

. . . !



. TYPE INPUT2.PRG

* INPUT2.PRG COMMAND FILE PROGRAM

* THIS PROGRAM ALLOWS THE USER TO EDIT DATA BASED ON A

* SEARCH FOR A PARTICULAR PIN AND FUNCTION CODE

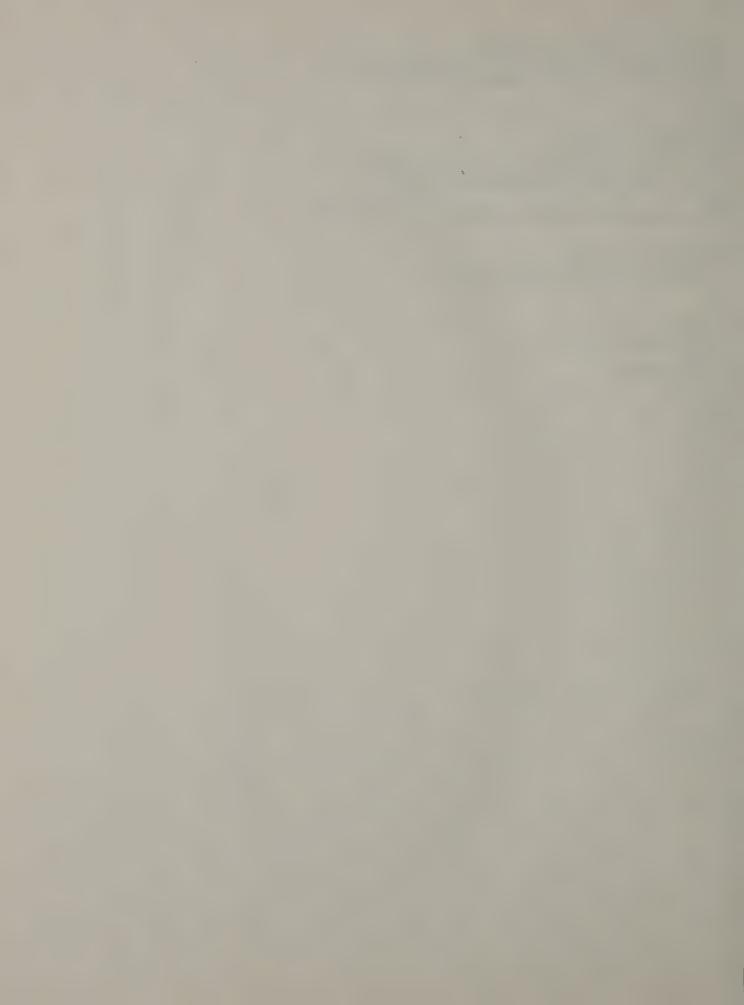
CLEAR
USE MANPOWER
STORE SPACE(11) TO MPIN
STORE SPACE(4) TO MFUNCCODE
@10,11 SAY "ENTER THE FUNCTION CODE:" GET MFUNCCODE
@12,5 SAY "ENTER THE PIN FOR THE PROJECT:" GET MPIN
READ
LOCATE FOR UPPER(PIN)=MPIN .AND. UPPER(FUNC_CODE)=MFUNCCODE

IF EOF()
? 'RECORD NOT FOUND....'
WAIT 'HIT A KEY TO RETURN TO THE MENU'

ELSE
CLEAR
SET FORMAT TO WALT.FMT
EDIT
CLOSE FORMAT
CLEAR

 $r_{n} = \tilde{g}$

ENDIF RETURN



```
. TYPE SEARCH.PRG
* SEARCH.PRG COMMAND FILE PROGRAM
* THIS PROGRAM ALLOWS THE USER TO EDIT DATA BASED ON A
```

* SEARCH FOR A PARTICULAR PAY PERIOD, PIN AND FUNCTION CODE

CLEAR USE PROJECT STORE SPACE(2) TO MPAY STORE SPACE(4) TO MFUNCCODE STORE SPACE(11) TO MPIN

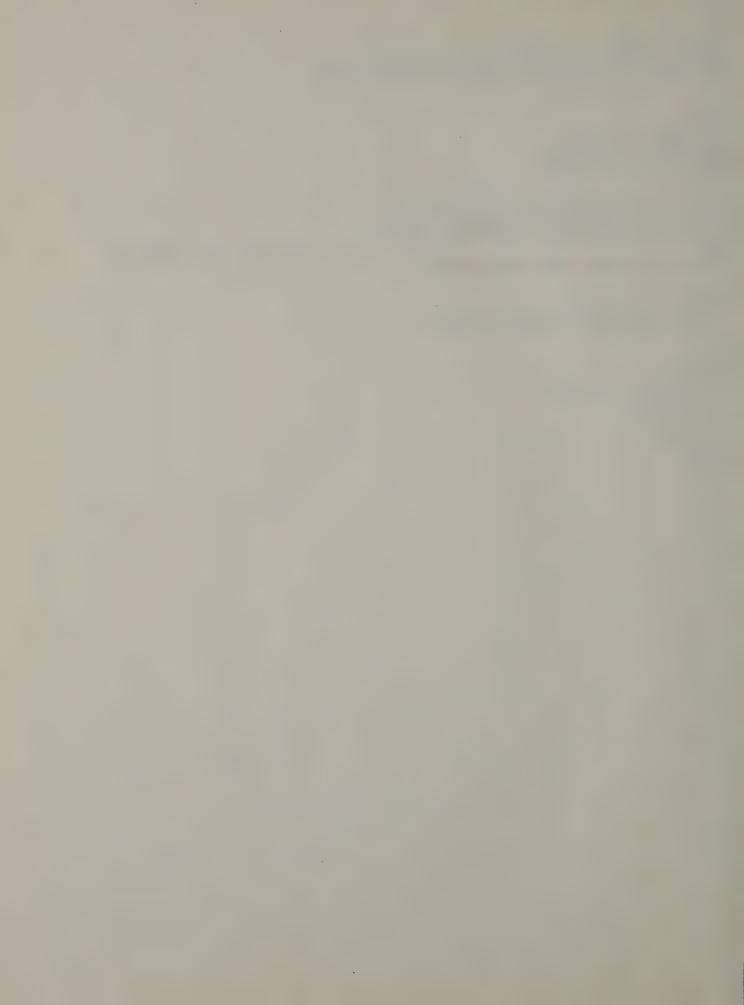
08,14 SAY "ENTER THE PAY PERIOD:" GET MPAY @10,11 SAY "ENTER THE FUNCTION CODE:" GET MFUNCCODE @12,5 SAY "ENTER THE PIN FOR THE PROJECT:" GET MPIN LOCATE FOR PAY PERIOD = MPAY .AND. UPPER(PIN) = MPIN .AND. UPPER(FUNC_CODE) = MFUNCCODE

IF EOF() ? 'RECORD NOT FOUND....' WAIT ' HIT A KEY TO RETURN TO THE MENU '

ELSE CLEAR SET FORMAT TO BERNE.FMT CLOSE FORMAT CLEAR **ENDIF**

RETURN

2 1



THIS IS MENU4 IT IS THE MENU FOR SELECTING A REPORT TO BE PRINTED

ET TALK OFF
CLEAR
STORE Ø TO COUNTER4
O WHILE COUNTER4 = Ø
LEAR
TEXT

<1> ... RFS - PROJECT STATUS REPORT

<2> ... SENIOR'S PROJECT STATUS REPORT

<3> ... PROJECT MAN-DAYS CHECKSHEET

<4> ... PROJECT MAN-DAYS REPORT

<5> ... END OF YEAR PROJECT STATUS REPORT

<6> ... RETURN TO MAIN MENU

ENDTEXT

| NAIT 'ENTER YOUR CHOICE' TO CHOICE4

DO CASE

CASE CHOICE4 = '1'

CLEAR

THIS REPORTS THE CURRENT PROJECT STATUS FOR THE RFS

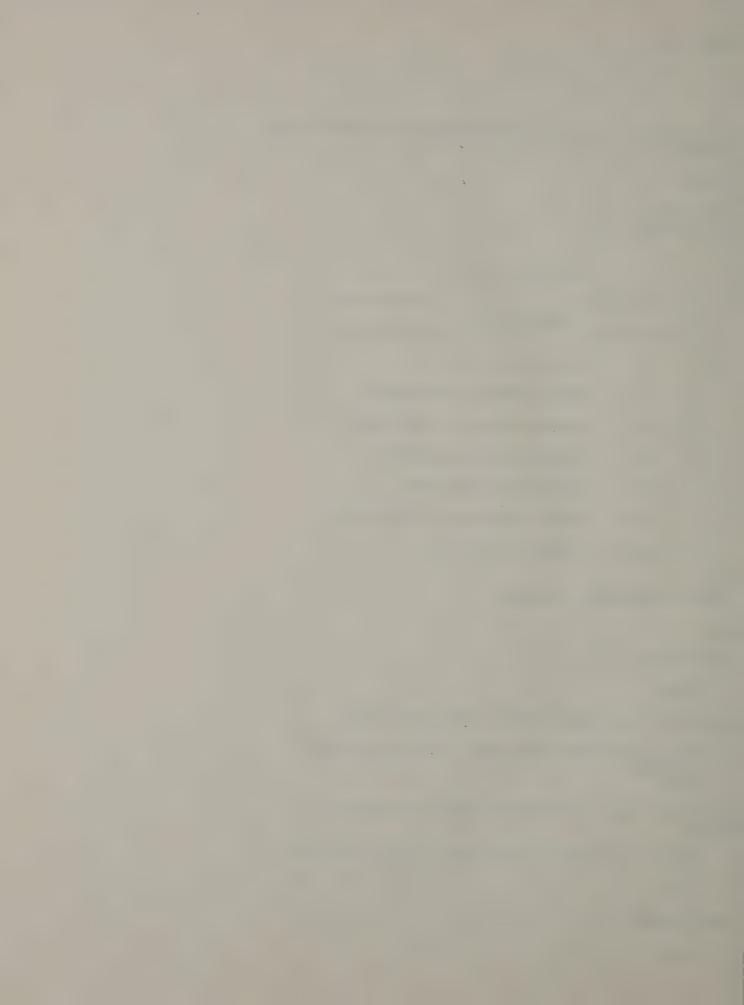
@12,15 SAY " PLEASE WAIT WHILE I CLEAN UP THE DATA !!"
DO INDEX
CLEAR

THIS REPORTS ONLY INFORMATION ON JOBS WITH STATUS NOT =

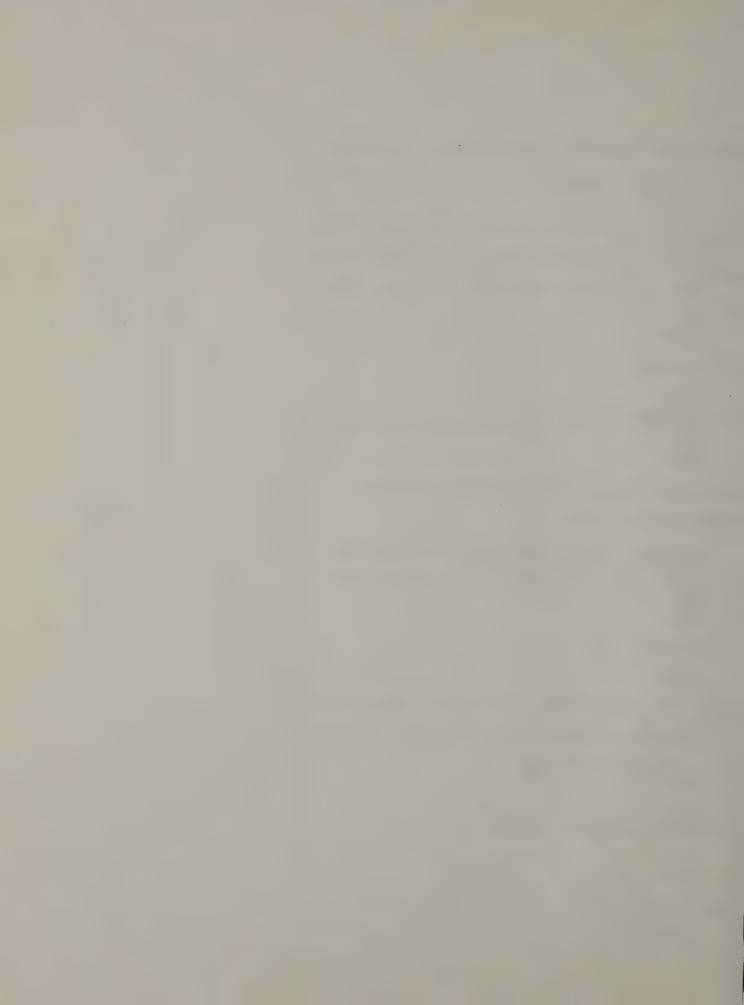
REPORT FORM PROSTAT TO PRINT FOR STATUS <> "COMPLETED" WAIT CLEAR

CASE CHOICE4 = '2'

CLEAR



```
THIS REPORTS THE PROJECT STATUS REPORT FOR EACH SENIOR
        @12,15 SAY "PLEASE WAIT WHILE I CLEAN UP THE DATA !!"
       DO INDEX
       CLEAR
       REPORT FORM PROSTAT FOR SENIOR = 'EDK' .AND. STATUS <>
COMPLETED" TO PRINT
       REPORT FORM PROSTAT FOR SENIOR = 'FA' .AND. STATUS <>
"COMPLETED" TO PRINT
       REPORT FORM PROSTAT FOR SENIOR ='JTS' .AND. STATUS <>
COMPLETED" TO PRINT
       WAIT
       CLEAR
   CASE CHOICE4 = '3'
       CLEAR
       USE PROJECT INDEX CHECK
       @12,15 SAY " HOLD ON WHILE I CLEAN UP THE FILES !!"
       PACK
       CLEAR
  INDEX CHECK INDEXES ON PAY PERIOD, SENIOR, DESIGNER,
  FUNCTION CODE, AND PIN
       @10,10 SAY "ENTER THE PAY PERIOD FOR YOUR REPORT"
       ACCEPT 'PAY PERIOD NO.' TO PAY1
       REPORT FORM JOHN TO PRINT FOR PAY PERIOD = PAY1
       WAIT
       CLEAR
   CASE CHOICE4 = '4'
       CLEAR
  INDEX HELLO INDEXES ON PIN, FUNCTION CODE AND PAY PERIOD
       @12,15 SAY "PLEASE WAIT WHILE I CLEAN UP MY FILES !!"
       USE PROJECT INDEX HELLO
       PACK
       CLEAR
       REPORT FORM SMART TO PRINT
       WAIT
       CLEAR
   CASE CHOICE4 = '5'
       CLEAR
```



```
END OF YEAR COMPLETE DATABASE SUMMARY REPORT

@12,15 SAY "PLEASE WAIT WHILE I CLEAN UP MY FILES !!"

DO INDEX

CLEAR

REPORT FORM PROSTAT TO PRINT

WAIT

CLEAR

CASE CHOICE4 = '6'

RETURN

CLEAR

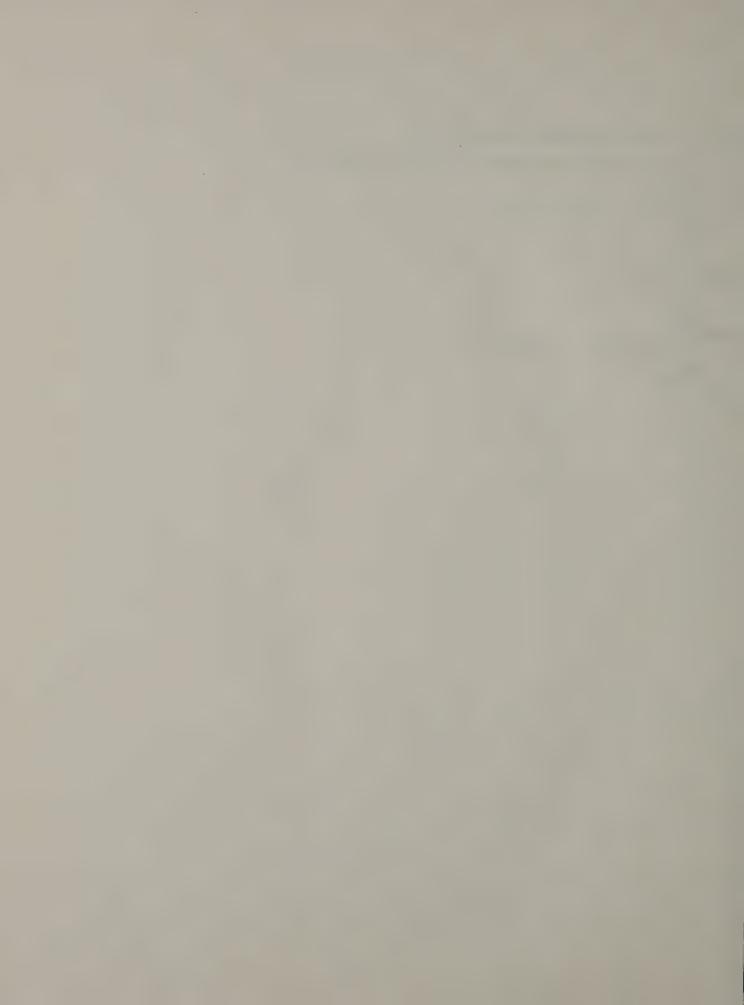
OTHERWISE

?'YOU GOOFED!!! TRY AGAIN!!'

WAIT

CLEAR
```

INDCASE ENDDO



* INDEX.PRG

* THIS PROGRAM RE-INDEXES FILES SET SAFETY OFF

USE MANPOWER INDEX INCAT

 \star INDEX INCAT IS AN INDEX ON CATEGORY + PIN TO INCAT REINDEX

PACK



APPENDIX F

"REFERENCES"



REFERENCES

dBASE III User Manual



APPENDIX G

"SAMPLE OUTPUT"



REPORT OPTION # 1

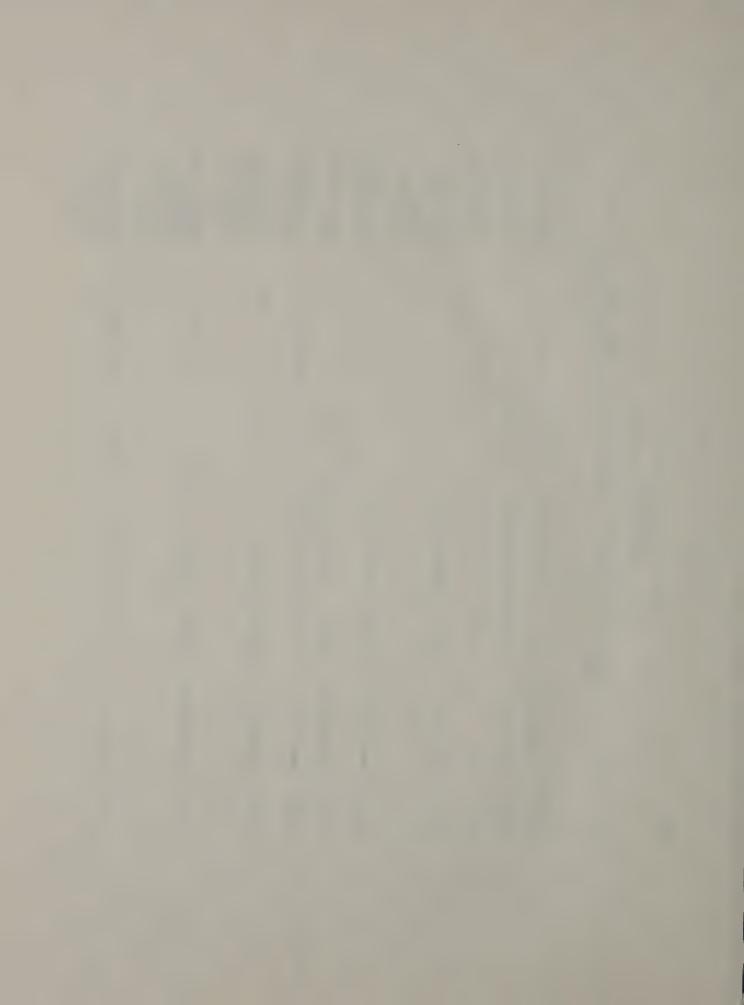
"ROADWAY FOUNDATION SECTION - PROJECT STATUS REPORT"

Reports all projects with status of either new, active, inactive or backlog. Projects with a status of completed are not reported.



CURRENT PROJECT STATUS
ROMDWAY FOUNDATION SECTION *

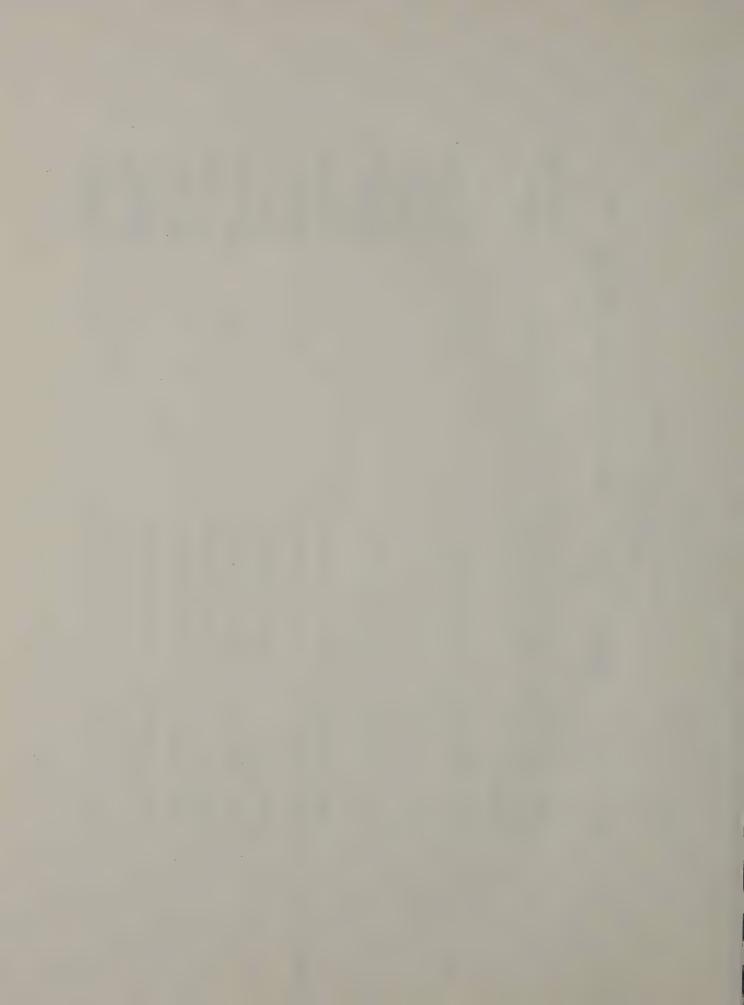
		NI 59	wired.	NWED .	ING.	W HO	ION IN	, NALL	rte. sally onse	TIMATE S.S.	. No s cost
	COMPENTS	O VANE TESTS AND BORINGS IN PROGRESS.	O Alignment change. New studies will be required.	O NOT A HOT JOB, SWAMP AREA. FIELD TRIP PLANNED FOR END OF MONTH.	BORING PROGRAM ONGOING, SUBSIDENCE OR SHEAR FAILINE? 3.00°E INDICATORS AND OBSERVATION WELLS HAVE BEEN INSTALLD.	O WILL RECEIVE PLANS AND PROFILE FROM THE REGION SOON, AS PER E, LANGE.	O SUBSURFACE EXPLORATION IN PROGRESS.	O SLOPE STABILIZATION, MALL AT TOP TOE OF SLOPE, CONSTRUCTION PROBLEM.	I THEMAY PROJECT. Investigation complete. Recommendations verbally transmitted to consultant. No response since 5/85.	NO PRELIMINARY COST ESTIMATE AND BRRING REDIEST SURVITIED TO REGION. DRILLING COPILETED \$1/6/18. DAVE T. HAS MACHANS AND SILLY HAS MALLINESPIRG.	O SLOW SLOPE MOVEDENT. No rush - correction is cost dependent. Preliminary borings requested 9726/88, received 11/29/86.
	PROB PROB IN OUT	0	1 0 1	0	0	0	0 0 0 0	2 0 5		-	0 1
	DESIGN COMPLETE PRO	' '	- ' '	1 1	-	-			05/01/85	-	-
	STARTED	98/02/50	- '	-	-	-	1 1	05/20/86	-	05/05/86	04/15/86
	TARGET COMP DATE	10/31/86 05/20/86	1 1	98/30/86	-	-	- '	98/10/90	-	08/01/39 05/05/89	08/01/86 04/15/86
	LAB DATA RECYD	-	98/10/720	-	-	-	` '	-	-	-	-
***************************************	RECVD	-	' '	-	-	-	1 1	-	-	:	01/29/86
	PLANS	-	1 /	-	-	7	- '	-	-	12/01/85	09/01/85 01/29/86
*******	PSE	04/01/88	78/10/90	01/01/88	88/10/10	18/10/80	01/01/87	-	-	:	:
***************************************	PROJ	JTS IJT 03/03/86 04/01/88	JS0 10/01/85	EDK JER 04/25/86	EDK JER 01/01/86 01/01/88	JTS FAA 05/20/86 08/01/87	18/10/10 98/22/19 ISM	NSJ 05/12/86	JTS RJS 04/01/84	JTS RJS 12/01/85	JTS RJS 07/01/85
***************************************		Tuo etc	EDK JSD	EDK JEB	英	JTS FAA	E ME	SS SS SS SS SS SS SS SS SS SS SS SS SS	JTS RJS	JTS RJS	JTS RJS
###	STATUS	ACTIVE	ACTIVE	BACKLOG	ğ	ACTIVE	Ď	ACTIVE	INACTIVE	ACTIVE	ACTIVE
	PAY FUNCT PERIOD CODE NUMBER	E303	E301	88	E 203	2003	202	8	E303	E303	E303
	PAY PERIOD MUNBER	2	2	2	8	2	2	2	8	£ 2	~
	PROJECT	GN RTE.150 BROCKVIEM BRIDGE	RTE. 4 & 197 BRIDGES	RT.55	1-81, НІАМАТНА В.VD.	BENNETTSBURG-PERRY CLTY	RT.59 OVER PASCAK CREEK	SHARON SPRINGS MALL	TALLYRAND SHAMP	RT.22, MADHANSSMALLONGBLING 2	RTE 19 88.FAST
	N. C.	** CATEGORY DESIGN 1057.11.121 R	1089.34.122	2018.00.	2298.00.313	6218.08.121	8030.20.	9095.36.301	E112.18.701	M104.00.701	M604.00.701



Page No. 2 06/26/86

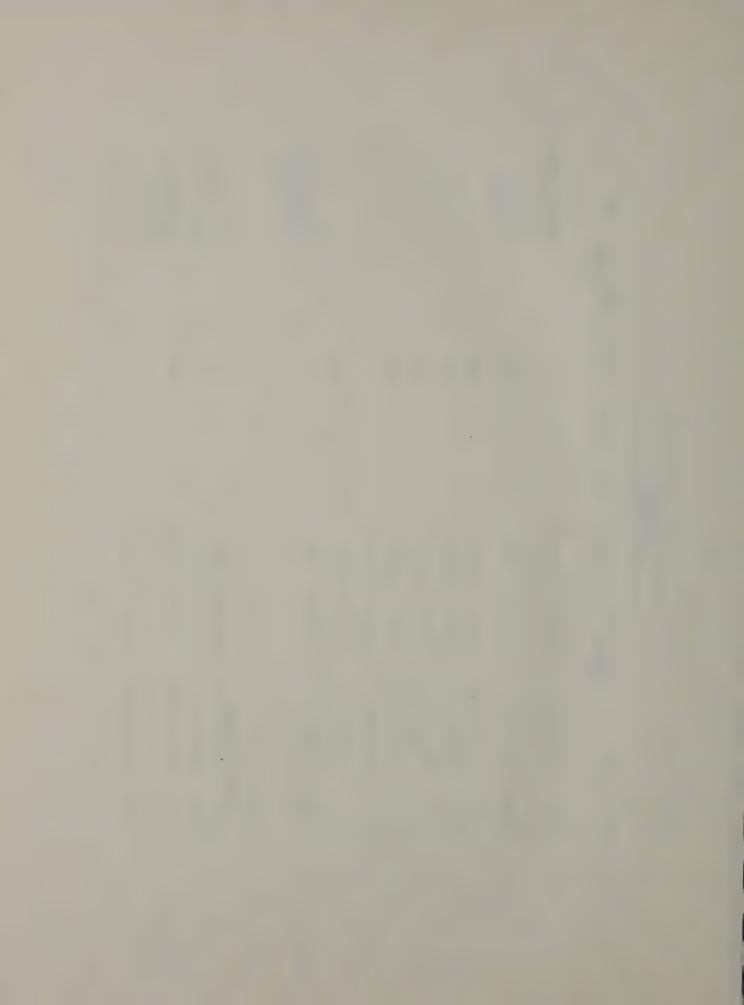
	COMPONTS	O FINAL DRAFT IN PROGRESS.	O FINAL REPORT BEING REPRODUCED.		Monitoring post const movement. Spring reading will be taken in	movement, no further readings will be taken unless requested.	When construction starts, instrumentation will monitor embankment settlement.	O Monitoring wall movement in the spring and fall.	O Monitoring construction phase.	O Monitering construction phase.	O Monitoring construction phase	O Monitoring construction phase.	O Monitoring construction phase.	O MUNITORING POST-CONSTRUCTION MOVEMENT, NO MOVEMENT AS OF APRIL 1986,	D SECTION OF HIGHWAY IS BEING MONITORED USING A SLOPE INDICATOR.
	PROB PROB	•	0	13			0		-i	1 0	- O		0	1 0	4
	DESIGN COMPLETE PR	1 /	1 1				` `	1 /	- 1	` '	- '	- 1	- '	` `	` `
	DESIGN DESTARTED CO	03/01/86	03/01/85		-		-	1 1	1	11		1.	1.	-	11
	TARGET II COMP S	04/30/86	02/30/86				-	- ' '	- ' -	1 1			` '	-	1 1
***	LAB DATA RECVD	1 1	11		-		` '		1.1	1 1	1 1			-	
CURRENT PROJECT STATUS ROUGHAY FOUNDATION SECTION *	BORINGS	1 1	1 1		-		-	7.7	1 1	- '	-	-	- '	-	` '
CARRENT PROJECT STATUS CARBINAY FOUNDATION SECTION	PLANS	- '	-		-		1.	-	- '	- '	- '	` '	-	` '	` '
**************************************	25.	- '	- '		-		/ /	-	- '	- '	- 1	11	-	-	` '
CLIFR	PROJ	JER 03/01/85	EDK JER 03/01/85		10/01/84		JTS RJS 06/01/85	NJB 05/01/85	NJB 03/01/85	MJB 03/01/85	MJB 03/01/85	KUB 03/01/85	PMB 12/01/85	JTS REB 07/01/85	06/01/83
	en en as es	EDK JER	英		X KS		TS RJS	F. K.	FA NUB	FA NUB	FA NUB	FA NUB	FA PAB	25 EE	¥
1	STATUS	ACTIVE E	ACTIVE E		E354 INACTIVE EDK NSJ 10/01/84		E303 INACTIVE J	ACTIVE F	ACTIVE	ACTIVE F	ACTIVE F	ACTIVE F	ACTIVE F	ACTIVE J	BACKLOG F
	PAY FUNCT PERIOD CODE NUMBER	E320	E320		35		E303	E352	F304	1 000	E304	1905	E304	E303	2352
	PAY PER100 NUNGER	2	2		2		2	2	~	2	2	24	7	2	2
	PROJECT	BLFFALO PORT EVALUATION	OSMEGO PORT EVALUATION		STRUMENTATION ALI RTE 7 NOISE BARRIER		NASSAJ EXPRESSIANY	RTE, 2 BRUNGMICK-TROY	M.U.D. 12	M.U.D. 13	M.D 14	MLID 15	M.U.D. 16	RTE. 38 GROTON LOCKE	DWEGO BR. CO. LINE
06/26/86	PIN	P006.01.801	P006.01.801	** Subtotal **	** CATEGORY INSTRUMENTATION ALT RTE 7 N		0045.00.	1001.08.101	2378.12.311	2378.13.321	2378.14.311	2378.15.311	2378.16.311	302.17.321	6006.40.

a this is much a line

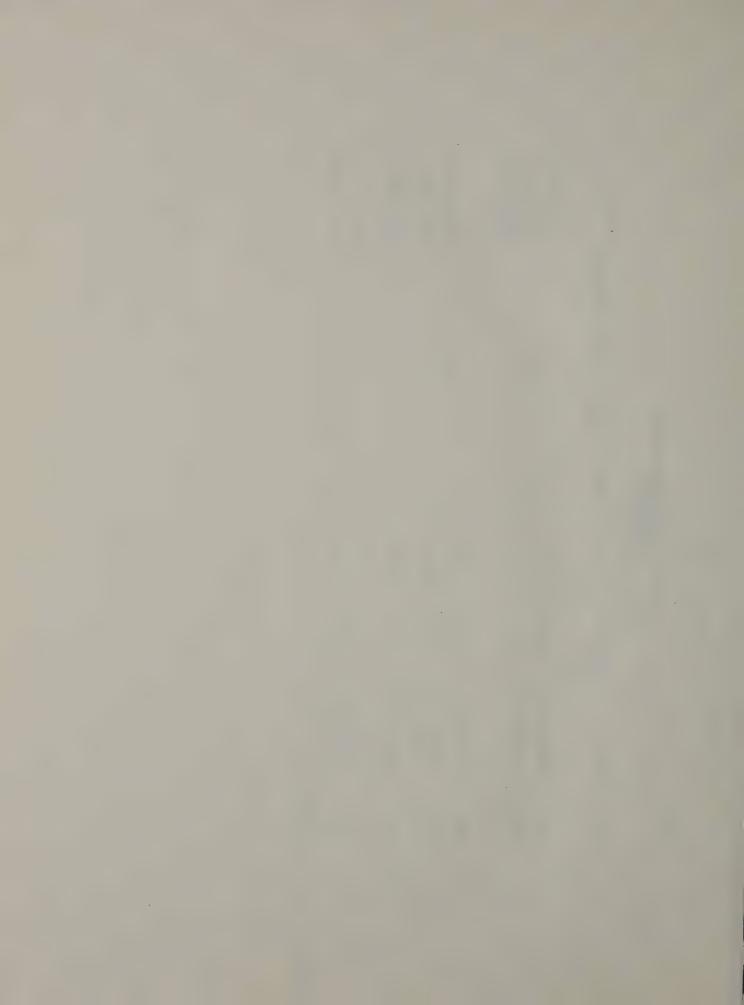


CURRENT PROJECT STATUS
ROLDWAY FOUNDATION SECTION *

	COMMENTS	O BRIDGE SITE 2 IS BEING MONITORED. ARTESIAN WELLS.	Monitoring post construction movement.					**.				O TOP OF WALL IS SURVEYED FOR DISTLACEMENT TWICE A YEAR, DESIGN REPORT TO BE DONE IN THE NEAR FUTURE,		0 IST Draft in progress.	O Stage construction w/wick drains.	1 #1 TRB PAPER out, #2 BURGAU REPORTBureau review completed.	O Additional research in progress as of 2/25/86. NO ACTIVITY DURING MAY.
	PROB PROB	-	1	0	0 0	0	0	0	0	0	0	•	13 1	-	0	2 1	0
	DESIGN COMPLETE P	- '		11	11	1 /	11	11	11	11	11	-		- ' '	' '	` '	-
	DESTGN	-	` '	1 /	1 1	' '	11	11	- '	11	1 1	-		- '	' '	` '	-
	TARGET I COMP S	-	12/12/87	07/18/86	07/31/86	98/00/80	12/31/86	98/00/80	11	11	12/31/86	-		' '	1 1	08/01/89	` `
*****	LAB DATA RECYD	` '	-	11	1 /	1 1	1 1	1 1	1 1	1 1	1 1	-		` '	-	` '	` '
***************************************	BORINGS RECVD	- 1	-	11	1 1	1 /	1 1	1 1	1 1	11	11	-		- 1	` '	-	
***************************************	PLANS RECVD	- '	- '	11	11	1 1	11	1 1	11	1 1	11	-		- '	` '	` '	-
***************************************	PSE E	-	~	11	11	//	11	11	11	1 1	- ' '	-		` '	-	-	-
***************************************	PROJ	E8/10/90	06/01/83	JCI EAC 10/01/85	JCI H/R 04/06/83	JCI EAC 01/01/85	11/01/84	JCI EAC 01/01/86	JCI EAC 06/29/83	JCI RLS 03/01/86	03/20/86	03/01/85		REG 12/01/84	RLS 01/01/86	02/01/86	MSJ 07/01/85
	O U E C	F	₫	JCI EA	JCI HR	JCI EA	TOT	JCI EA	JCI EA	JCI R	ici	ă		F. 88	FA R	Œ	ξ. δ.
1	STATUS	BACKLOG	ACTIVE	ACTIVE	ACTIVE	ACTIVE	ACTIVE	ACTIVE	ACTIVE	ACTIVE	ACTIVE	BACKLDG		BACKLOG	ACTIVE	ACTIVE	ACTIVE
	PAY FUNCT PERIOD CODE NUMBER	252	E303	1321	E321	1321	E383	252	E383	223	355	25.		50E	E303	22	200
	PAY PERIOD NUMBER	2	2	7 NO1	2	2	REPOR 2	NT 1	2	2	ENTA 2	2		2	2 2	48 #2 2	110N 2
	PROJECT	RTE 30 N. BLENNEIM	BORST NOBLE RD	PIEZOMETER SPECIFICATION	SCP-7 UPDATE	CABLE SET SYSTEM SPEC	MUD INSTRUMENTATION REPOR 2	WHITESTONE EXPNY REPORT	VANE BORER REPORT	PRESSUREMETER REVIEW	1-D SETT. PROG. DOCUMENTA 2	RTE. 212 SHADY		** CATEGORY RESEARCH & DEVELOPMENT E303A MLD 3 REPORT (design)	MJD 3 REPORT (const.)	TRB MANUAL-FOUNDATIONS #2 2	DRILL LOG INTERPRETATION 2
	FIN	9044.22	9357.15.121	E351	E351	E351	E323	E363	E363	E353	E354	M804.00.701	** Subtotal **	** CATEGORY RE E303A	E3038	E352C	1000 1000 1000 1000 1000 1000 1000 100



	# CDMENTS	O RFS WILL COMPLETE MANUAL.	O QLESTIONAIRE RESPONSES EVALIATED. LITERATURE REVIEW COMPLETED. BURBAU TESTING IS BEING EVALUATED.	O No ACTIVITY.	O LAB TESTING IN PROGRESS.	O Literature research in progress (2/25/86)	O MAITING FOR REVIEW OF PROJECT SAMPLE BEFORE PROCEDING.	0 Ongoing	O WORK PLAN IN PREPARATION.		, «
	PROB PROB	-					-	-	0	12	, <u>8</u>
	DESIGN	- '	-	11	11	- '	``	11	11		
	DESTGN	1 /	-	11	' '	` '	. ~	1 1	//		
	TARGET COMPI DATE	12/31/86	06/30/86	11	11/01/86	1 1	` '	11	11		
1!	LAB DATA RECVD	1 1	-	11	11	- '	-	11	11		
	BORINGS	11	-	1 1	11	- '	-	11	1 1		
CURRENT PROJECT STATUS RODDARY FOLMDATION SECTION	PLANS RECVO	1 /	-	11	11	1 1	``	11	11		
ADMAY FOUNDATION SECTION	PSE	/ /	-	11	11	` '	~	11	11		
* CURRENT PROJECT STATUS * * ROADWAY FOUNDATION SECTION *	D PROJ S RECVD N	\$ 08/01/83	EDK REG 03/01/85	07/01/85	JTS RJS 12/01/85	MSJ 12/01/85	MSJ 03/19/86	EDK REG 08/01/82	2 03/01/86		
	STATUS	BACKLOG JTS	ACTIVE EDI	BACKLOG FA	ACTIVE JT	ACTIVE FA	NEW FA	ACTIVE ED	ACTIVE JTS		
	FLINCT	E323 B	E353 A	ESSA	E323 A	E353 A	E323	E354 A	E362 A		
	PAY PERIOD NUMBER	2	~	2	2 8	1 2	JIL 2	. 2	ST 2		
	PROJECT	RECHARGE BASINS REPORT	CLAY EMBANIONENT STUDY	DUTCH CONE INTERP	CONSTANT RATE OF STRAIN	Pp vs strength for org l	CLOSE SEQ.EXC. & BACKFILL 2	CONPUTER DEVELOPMENT	TRIAX, CU EXTENSION TEST		
08 /97/00	™ IId	E363E	E353F	E3636	ESESH	E3631	E353 <u>L</u>	E354J	E362K	++ Subtotal ++	*** Total ***



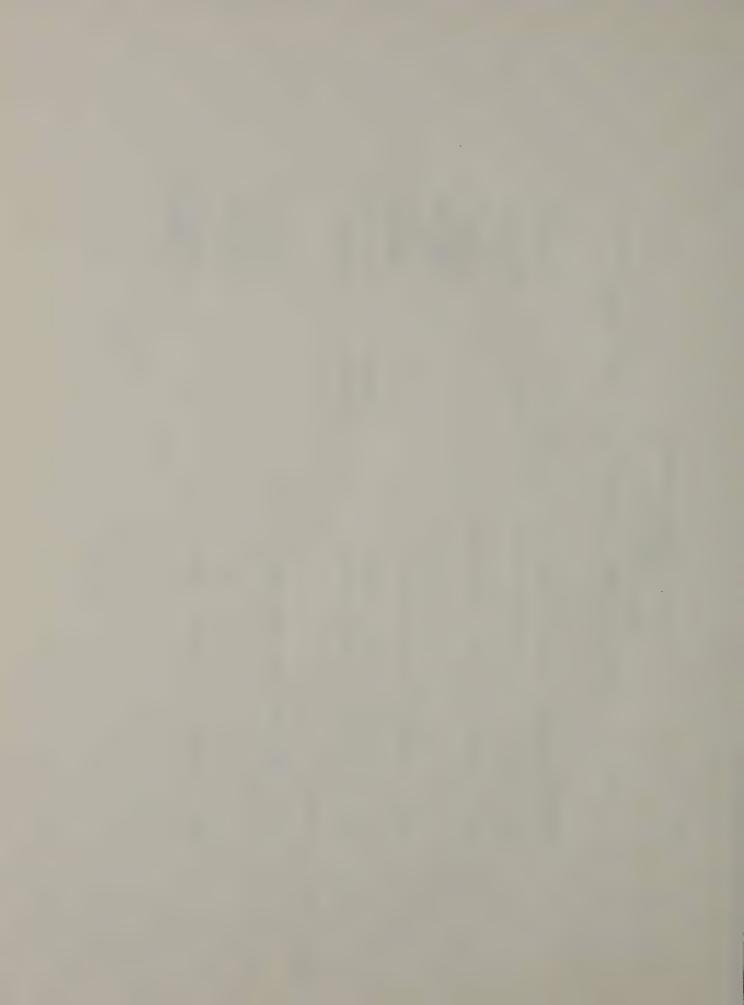
REPORT OPTION # 2

"SENIOR'S PROJECT STATUS REPORT"

Project Status Reports for each senior in the section.



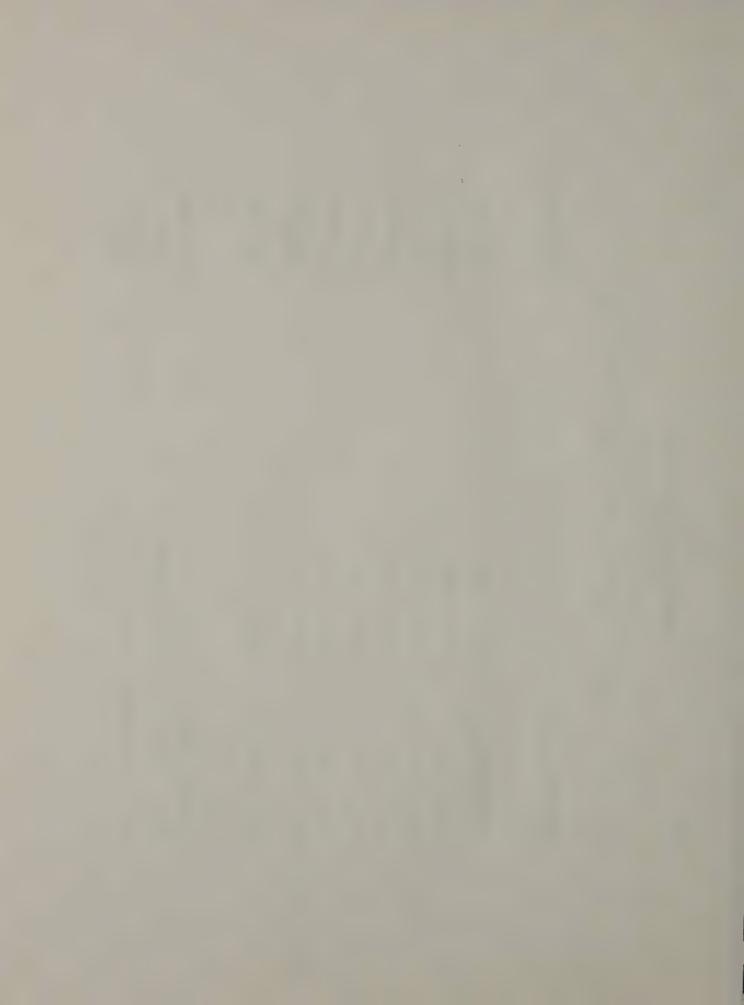
	COPPENTS	8 Alignment change. New studies will be required.	ANT A HOT JOB, SHAWP ANEA, FIELD TRIP PLANNED FOR END OF MONTH.	B BORING PROGRAM ONGDING, SUBSIDENCE OR SFEAR FAILURE ? SLOPE INDICATORS AND OBSERVATION WELLS HAVE BEEN INSTALED.	A SLOPE STABILIZATION, WALL AT TOP TOE OF SLOPE, CONSTRUCTION PROBLEM.	6 FINAL DRAFT IN PROGRESS.	# FINAL REPORT BEINS REPRODUCED.		1 Monitoring post const movement, Spring reading will be taken in April. If their is no anowement, no futter readings will be taken unless requested.	TOP OF WALL IS SURVEYED FOR DISPLACEMENT TALCE A YEAR, DESIGN REPORT TO BE DOME IN THE NEAR PUTURE,	
	₩ SGB	& Align	AREA.	# BORID SUBSI FAILL INDIC OBSED	AT TE	6 FINA	# FINAL	•	1 Monit Bove Vill April Bove readi	FOR U	-
	PROB PROB	-	-	-	2		→ \	-	- 	→	2
	DESIGN	1 1	- '		-	1 1	- '		-	-	
	DESIGN	-	' '	-	86/81/86 85/29/86	84/38/86 83/81/36	03/01/85		-	-	
	TARGET CONP DATE	- '	89/38/86	-	86/91/86	84/38/86	#5 /38/86		-	-	
1	LAB DATA RECVD	98/18/28	-	-	-	1 1	1 1		-	-	
	BORINGS	-	-	-	-		1 1		-	-	
CURENT PROJECT STATUS RODMAY FOLKOATION SECTION	PLANS RECVID	-	-	-	` '	11	' '		-	-	
CURRENT PROJECT STATUS ADMAY FOUNDATION SECTION	PS:E	6/61/87	81/81/88	81/61/38	- 1	11	1 1		2	2	
CURRENT PROJECT STATUS * ROADMAY FOUNDATION SECTION *	D PROJ S RECVO	EDK JSD 10/01/85 06/01/87	EDK JER 84/25/86 81/81/88	ER JER 81/81/86 91/81/88	EDK NSJ 05/12/86	EDK JER 93/91/85	EDK JER 63/61/85		INCTIVE EIK KSJ 18/81/84	K 63/81/85	
	S III K			â					INE EB	ă	
	STA	ACTIVE	BACKLOG	5	ACTIVE	ACTIVE	ACTIVE		INACT	E352 BACKLOG	
	PAY FUNCT PERIOD CODE NUMBER	E3Ø1	E383	E3Ø3	88	E328	E328		E354	E322	
	PAY PERIOD NUMBER	2	2	8	2	2	2		74	2	
	PROJECT	SIGN RTE. 4 & 197 BRIDGES	RT.55	I-81, HIMMATHA BLVD.	SHARON SPRINGS WALL	BUFFALO PORT EVALUATION	OSWEGO PORT EVALUATION		ALT RTE 7 NOISE BAGRIER	RTE, 212 SHADY	
\$9, F97, 89	NI	** CATEGORY DESIGN 1869.34.122 RT	2018.00.	3228.86.313	9695,36,381	P666.61.881	P666.61.881	** Subtotal **	++ CATEGORY INSTRUMENTATION ALT RIE 7	M884.69.781	** Subtotal **



		RESPONSES TERATURE ED. BUREAU NG				
	COPRENTS	9 QLESTIONNINE REPONSES ENALMYTED. LITERATURE REVIEW COMPLETED, BUREAU TESTING IS BEING EVALUATED.	A Ongoing			
	DESIGN # # COMPLETE PROB PROB IN OUT	∞	1.	2 9	11 11	
	DESIGN	-	1 1			
	DESIGN		11 11 11			
	TARGET COMP DATE	98/38/39/86	11			
**	LAB DATA RECVD	-	1 1			
	BORINGS	-	1 1			
CLERENT PROJECT STATUS ROADWAY FOLNDATION SECTION	PLANS	***	1 1			
ENT PROJECT	PSE	-	11			
CURRENT PROJECT STATUS * ROADWAY FORDATION SECTION *	PROL	EDK REG #3/#1/85 / / / / / / / / 96/33/86 / /	EDK REG 08/01/82 / / / / / / /			
11	STATUS	E363 ACTIVE	ACTIVE			
	PAY FUNCT PERIOD CODE NUMBER		#SS2			
	PROJECT PR	** CATEGORY RESEARCH & DEVELOPMENT ESSSF CLAY EMBARMENENT STUDY 2	COMPUTER DEVELOPMENT 2			
Ø6/26/8 6	PIN	** Category ress essor	E354J	** Subtotal **	*** Total ***	



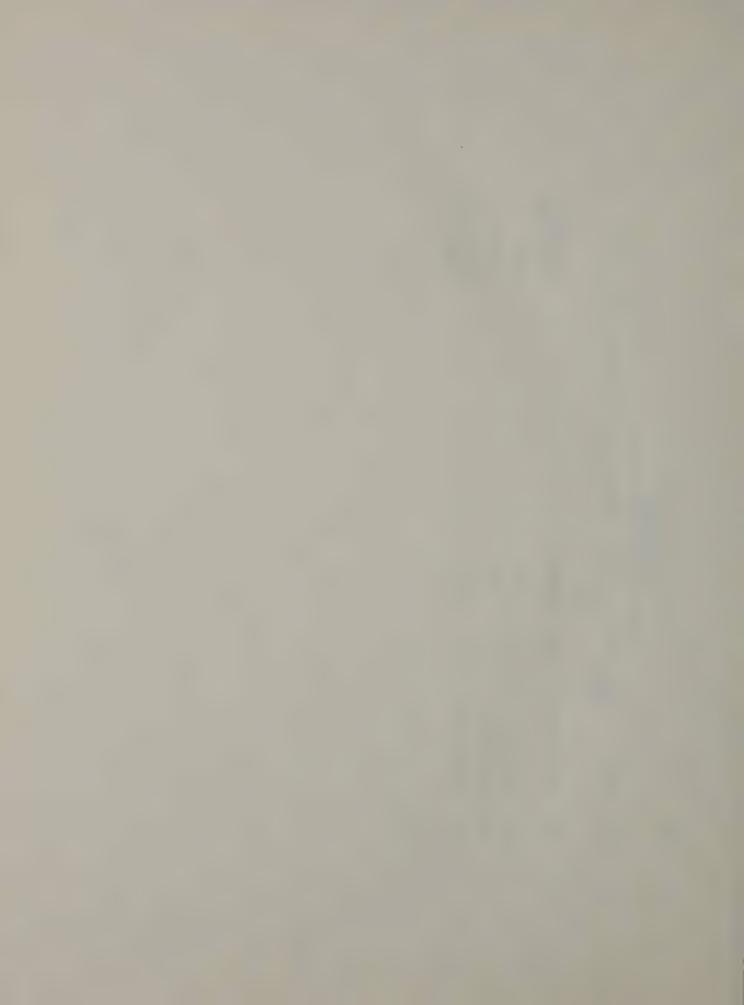
		# COMMENTS	 SIESUFFACE EXPLORATION IN PROGRESS. 	19	Monitoring wall movement in the spring and fail.	# Monitoring construction phase.	# Monitoring construction phase.	# Monitoring construction phase	# Monitoring construction phase.	# Monitoring construction phase.	BEING PONTORED USING A SLOPE INDICATOR.	# BRIDGE SITE 2 IS BEING MONITORED. ARTESIAN WELLS.	con .	# 1ST Draft in progress.	# Stage construction w/wick drains.	BUREAU REPORT Bureau review completed.
		PROB PROB IN OUT	-	-		~	-	≠ 4	u-4		-		œ			2
		DESTGN	- '		- '	1 1	' '	` '	- '	- '		-		' '	` '	
		DESIGN	1 '		- '	1 1	' '	- '	- '	- '	- '	-		- '	- '	
		TARGET COMP DATE	- '		' '	1 1	1 1	1 1	1 1	- 1	-			11	1 1	98/11/86
	# * #	LAB DATA RECVD	- '		-		1 +	1 1	-	1 1	-	7-4		1 1		-
		BORINGS	1		11	` '	- '	' '		- '	- '			11	- '	-
	CURRENT PROJECT STATUS RODDARY FOLKDATION SECTION	PLAKS	- ' '		- 1		11	- '	- '	- '		-		11		-
	CLERENT PROJECT STATUS ADMAY FOUNDATION SECTIO	38	81/81/87		1.1	11	11	1 1	- '	1.1	-	- 1		1 1	1.1	` '
	CURRENT PROJECT STATUS * ROADWAY FOLMOATION SECTION *	B PROJ S RECVD	WSJ 84/23/86 81/81/87		MJB #5/#1/85	MJB 43/81/85	MJB #3/#1/85	MJB 83/81/85	MJB 93/81/85	PWB 12/81/85	66/01/83	86/81/83		REG 12/91/84	RLS #1/#1/86	98/18/728
		un Lu oz oc	F		₹	¥	FA	Ą	Ą	¥	¥	Œ		Æ	FA	4
	ŧŧ	STATUS	3		ACTIVE	ACTIVE	ACTIVE	ACTIVE	ACTIVE	ACTIVE	BACKLUG	BACKLOG		BACKLOG	ACTIVE	ACTIVE
		PAY FUNCT PERTOD CODE NUMBER	E383		E352	7	E384	E384	1984	E3#	E352	E327		E3Ø3	E3#3	E363
		PROJECT PR	DESIGN RT.59 OVER PASCAK CREEK 2	1	** CATEGORY INSTRUMENTATION 1001.08.101 RTE, 2 BRUNSMICK-TROY 2	M.U.D. 12 2	M.U.D. 13 2	ALD 14 2	M.D. 15 2	M.U.D. 16 2	UNESO BR. CO. LINE 2	RTE 39 N. BLENEIN 2	±	++ CATEGORY RESEARCH & DEVELOPMENT E303A MLD 3 REPORT (design) Z	MUD 3 REPORT (const.) 2	TRB MANUAL-FOUNDATIONS #2 2
£197.56/36		NId	** CATEGORY DESIGN 8030.20.	** Subtotal **	** CATEGORY 1841.88.181	2378.12.311	2378.13.321	2378.14.311	2378,15,311	2378.16.311	6886.49.	9844.22	** Subtotal **	++ CATEGORY E3Ø3A	E3ø3B	E352C



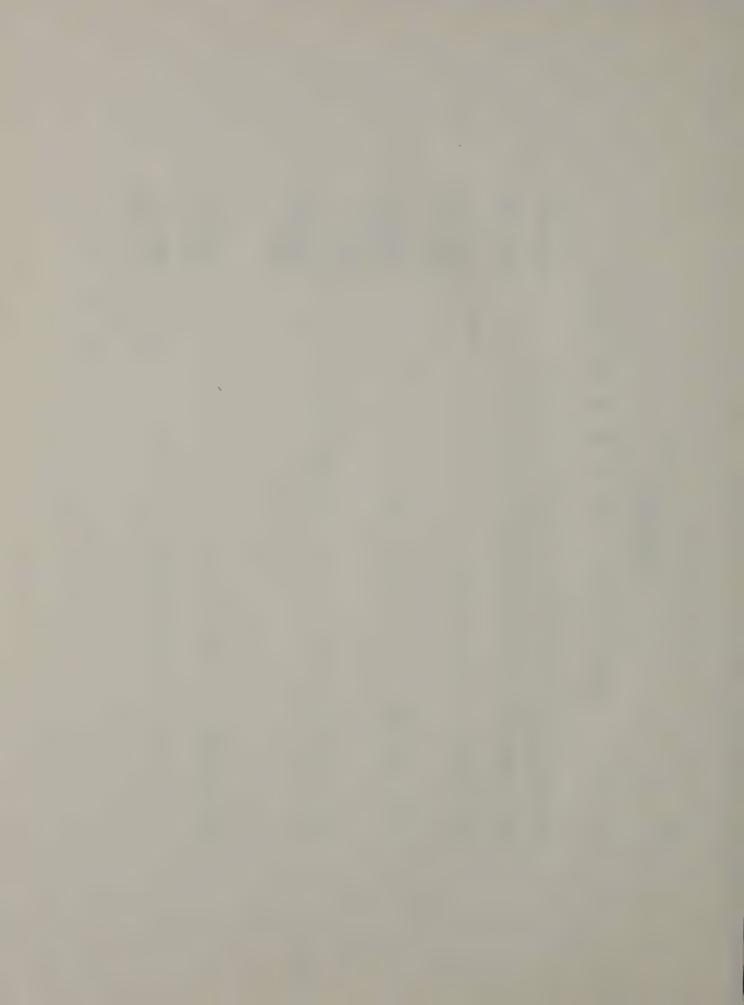
CLRAENT PROLECT STATUS *
ROADWAY FOLDENTION SECTION *

		۲. ۶		=			
	COMMENTS	Ø Additional research in progress as of 2/25/86. ND ACTIVITY DURING MAY.	B No ACTIVITY.	# Literature research in progress (2/25/86)	Ø WAITING FOR REVIEW OF PROJECT SAMPLE BEFORE PROCEEDING.		**
	PROB PROB	-	1 6	1 0 1		9 1	1 1
	LLI.						
	DESIGN	-	11	1 1	-		
	DESIGN	- '	11 11 11	1 1	- 1		
	TARGET COMP DATE	-	1 1	1 1	` '		
*******	DATA RECVD	1		1 1	7		
HAMMAN	BORINGS	- 1	11 11		-		
********	PLANS	-	11	1 1	- 1		
*******	PSSE	-	11	1 1	- '		
***************************************	PROJ S RECVD	FA MSJ 67/81/85	91/0/18	FA MSJ 12/81/85	FA WSJ 83/19/86		
#	w m x c	₹	FA	英	*		
-	STATUS	ACTIVE	BACKLOG	ACTIVE	ē,		
	PAY FUNCT PERTOD CODE LUMBER	E323	E323	E353	E323		
	PAY FUNCT PERTOD CODE NUMBER		2	2	2		
	PROJECT	DRILL LOG INTERPRETATION 2	DUTCH CONE INTERP	Pp VS STRENGTH FOR ORG L 2	CLOSE SEQ.EXC. & BACKFILL 2		
	NId	E353D	E3536	E323I	E353	** Subtotal **	1000

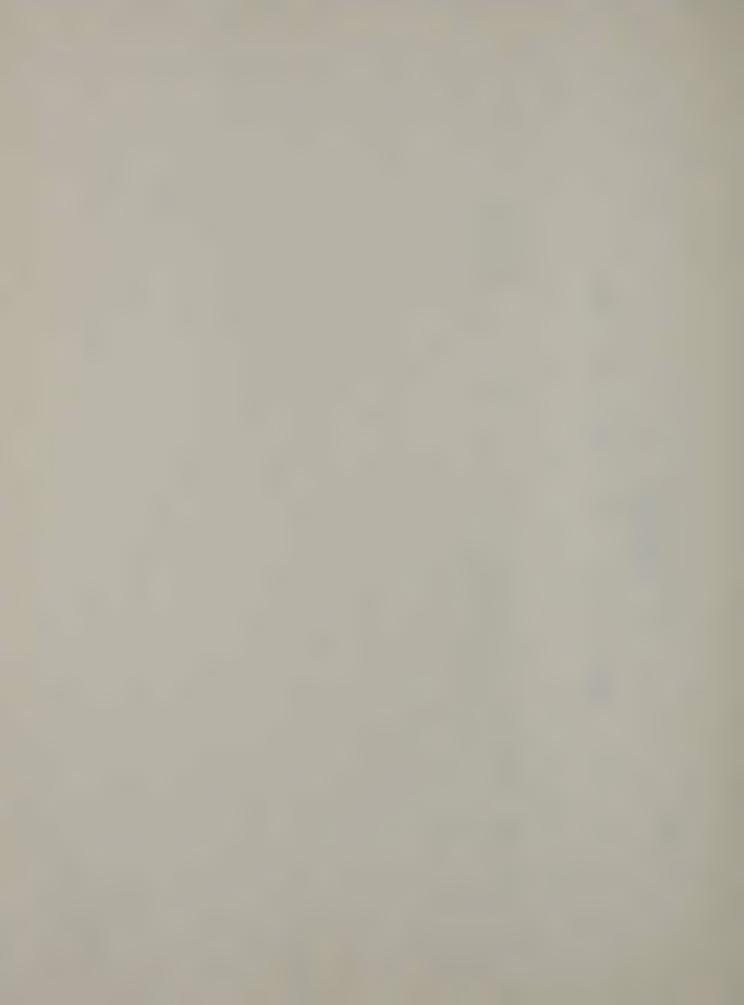
C. Chamber



	COMPLETTS	# VANE TESTS AND BORINGS IN PROGRESS.	# WILL RECEIVE PLANS AND PROFILE FROM THE REGION SOON, AS PER E. LANGE.	TREMAY PROJECT. Investigation complete. Recommendations verbally transmitted to consultant. No response since 5/85.	4 PRELIGINARY COST ESTIMATE AND BORNING REQUEST SUBMITTED TO RESION. PARLING CORPLETED 5/6/186. DAVE T. HAS MADAWAS AND SLLY HAS MALLOKERING.	SION SIDPE NOVEMENT. No rush - correction is cost dependent. Preliminary 9726/85, received 1/29/86,		When construction starts, instrumentation will monitor embankment settlement.	# WINITORING POST-CONSTRUCTION MOVEMENT, NO MOVEMENT AS OF APRIL 1986.
	PROB PROB IN OUT	•	•				22		
	<u>a_</u>	-	_			_	ω,	_	
	DESIGN			65/81/85		7		-	-
	DESIGN	P5/20/86	` '	-	85/85/86	64/15/86		-	` '
	TARGET COMP DATE	19/31/86 95 /20/86		-	98/81/ 86 95/8 5/8 6	88/81/86 84/15/86		-	- '
* " #	DATA RECVD	1.	- 1					-	-
	BORTINGS I	1 ,	- 1	-	:	98/62/11		-	- '
CURRENT PROJECT STATUS ROADWAY FOUNDATION SECTION	PLANS	- '	- '	2.	12/81/85	69/61/85 61/29/86		~	-
CLRRENT PROJECT STATUS ADMAY FOUNDATION SECTION THE PROPERTY OF THE PROPERTY O	325	4/01/88	8/#1/87	2	2	-		-	
CURRENT PROJECT STATUS * * ROADMY FOLNDATION SECTION	PROJ PROJ PR S PECVD	JTS DJT 83/83/86 84/81/88	JTS FAA 05/20/86 08/01/87	IMACTIVE JTS RJS 84/81/84	JTS RJS 12/81/85	JTS RJS <i>67/81/85</i>		JTS RJS 66/61/85	JTS REB 67/61/85
!	STATUS	ACTIVE	ACTIVE	INACTIVE	E383 ACTIVE	ACTIVE		E383 INACTIVE	ACTIVE
	PAY FUNCT PERIOD CODE NUMBER	E3#3	E383	8	E383	SEE .		E3#3	E363
	Z (2) N	F 2	2	~	R6 2	4		2	8
	PROJECT	IGN RTE.150 BROCKVIEW BRIDGE	BENNETTSBURG-PERRY CITY	TALLYRAND SHAMP	RT .22, WADHAMSSWALLONGBLRG 2	RTE 19 BELFAST		NASSAU EXPRESSAAY	RTE. 38 GROTON LOCKE
	NIM	** CATEGORY DESIGN 1057.11.121	6218.88.121	E112.18.701	M104.00.701	M684.88.781	** Subtotal **	** CATEGORY INSTRUMENTATION 0845.08. MASSAU EXP	3622.17.321



				11		CUR ROADA	CURRENT PROJECT STATUS Admay Foundation Sectio	CURRENT FROLET STATIS ROADWAY FULGANTION SECTION **		1**					
NI	PROJECT	PAY FUNCT PERIOD CODE NUMBER	CODE	STATUS	on w z oc	PROL	PSSE	PLANG RECVO	BORINGS	LAB DATA RECVD	TARGET COMP DATE	DESIGN	DESTGN	# # PROB PROB IN OUT	COMPAIG
** Subtotal **														2	
++ CATEGORY RESE E353E	** CATEGORY RESEARCH & DEVELOPMENT ESSSE RECHARGE BASINS REPORT	2	E353	BACKLOG	JTS	\$8/181/83		11 11 11	- 1	1 1	12/31/86	1 1	- '	1 00	1 & RFS WILL COMPLETE MANUAL.
E353H	CONSTANT RATE OF STRAIN	2	200	ACTIVE	JTS RJ	JTS RJS 12/81/85	11	11	11	11	11/61/86	1 1	11		1 6 LAB TESTING IN PROGRESS.
E362K	TRIAX, CU EXTENSION TEST 2		E362	ACTIVE	JTS	\$3/\$1/86		11 11 11	11	11	11 11 11	1 1	11	tsa tsa	# WORK PLAN IN PREPARATION.
** Subtotal **														2	
*** Total ***														9	



REPORT OPTION # 3
"PROJECT MAN-DAYS CHECKSHEET"



PROJECT	NET N
E	ECKS
TURE	ERROR C
PEND	
0 5	ENTEN
MANPOW	DATA
-	

MANHOURS FOR DESIGNER	\$ \$ \$ \$ \$ \$ \$	9.58 23.58 23.58 5.55 5.55 5.55 5.55 5.55 5.55	6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2.56 27.50 3.56 11.50 9.50 18.00	16.98 8.08 25.59 7.58 17.98 25.00 8.08 8.08	90.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00
MANHOURS DESTONER FOR SENTOR	39°98 39°99 99°9		9.00 REG 11.00 13.00 13.00 17.00	6.66 MJB 9.66 MJB 6.66 MJB 6.66 MJB 6.66 PMB	9.09 PHB 9.09 PHB 9.09 PHB 9.09 HSJ 9.09 HSJ 23.09 HSJ 23.09 SHSJ 23.09 PBSJ	5.558 19.68 9.89 0.17 9.89 0.17 9.89 TA 9.89 JR 9.89 JR 9.89 RIS 9.89 RIS
NI NOI NOI	146	2018.00 3298.00.313 N194.00.701 P066.61.881 E354	E354 2378.12.311 2378.13.311 2378.16.311 8836.26.121 E353	2378.12.311 2378.13.311 2378.16.311 E353 M984.08.781 2818.086.322	2378.12.311 2378.16.311 E353 3298.69.313 8838.29.121 E353 1057.11.121 NIB4.69.781	M64-86-791 E36-6-770 M164-86-781 E362 2386-89-191 E364-89-791 M164-89-791 M164-89-791 M164-89-791
SENIOR FUNCTION PIN	PAY				FXA E364 FXA E364 FXA E364 FXA E366 FXA E365 JYS E363 JYS E363	175 E369 177 E362 178 E362 178 E362 178 E363 178 E363 178 E363 178 E363 178 E363 178 E363 178 E363



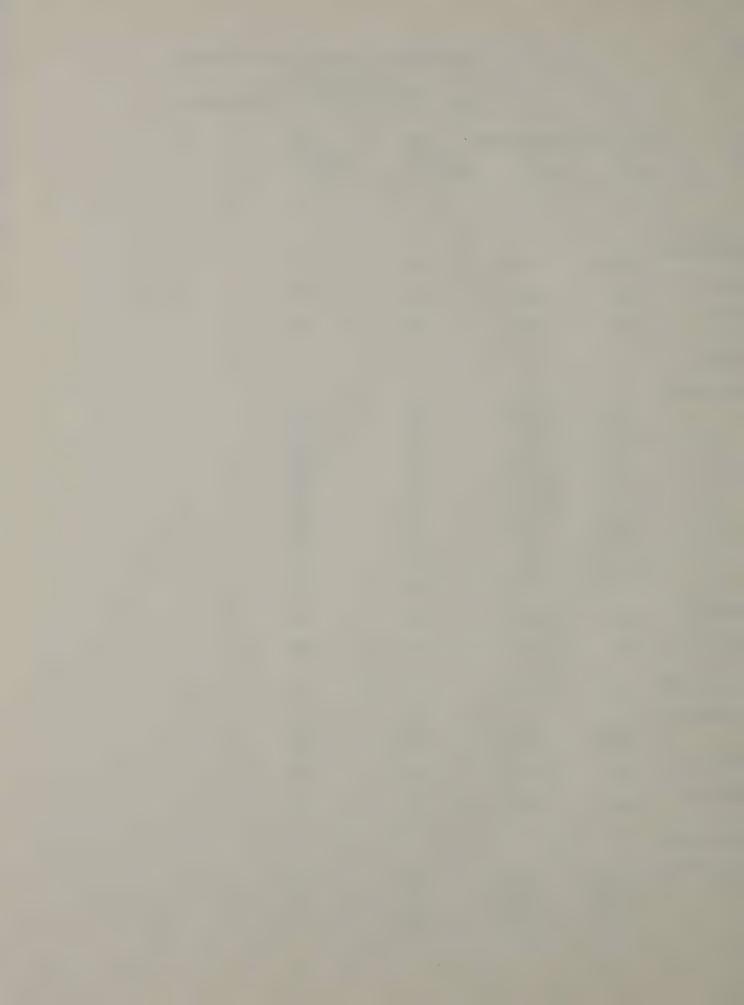
REPORT OPTION # 4
"PROJECT MAN-DAYS REPORT"



ROADMAY FOUNDATION SECTION

MAN-POWER EXPENDITURES PER PROJECT

PAY PERIOD #	MAN-HOURS SENIOR FOR SENIOR	MAN-HOURS DESIGNER FOR DESIGNER	TOTAL MAN-HOURS FOR PROJECT	TOTAL MAN-DAYS FOR PROJECT
J			^	
PIN 0754.25.12	1			
* FUNCTION CODE E				
2 Subsubtotal *	0.00 JTS	8.00 RJS	8.00	1.07
	0.00	8.00	8.00	1.07
** Subtotal **	Ø.ØØ	8.00	8.00	1.07
** PIN 1057.11.12				
FUNCTION CODE ES				
	6.00 JTS 0.00 JTS	Ø.ØØ 3.ØØ DJT	6.00 3.00	9.89 9.49
1	4.00 JTS	0.00 0.00	3.99 4.99	Ø.53
	7.50 JTS	0.00	7.50	1.00
4	Ø.ØØ JTS	61.00 DJT	61.00	8.13
4	Ø.ØØ BEB	21.00 JTS	21.00	2.80
	Ø.ØØ JTS	23.5Ø FAA	23.50	3.13
	9.00 JTS	50.00 DJT	50.00	6.67
5	Ø.00 JTS	3.00 FAA	3.00	0.40
	9.00 JTS	9.99	9.00	1.20
_	11.00 JTS	9.99	11.00	1.47
6	Ø.00 JTS	4.00 FAA	4.00	Ø.53
4	Ø.00 JTS	35.50 DJT	35.50	4.73
Subsubtotal *	37.50	201.00	238.50	31.80
** Subtotal **	0.102		200102	
	37.50	201.00	238.50	31.80
** PIN 1089.34.122	Ž			
FUNCTION CODE ES	3Ø3			
1	2.00 EDK	Ø.00	2.00	Ø.27
 Subsubtotal *	9.99 EDK	20.50 JSD	20.50	2.73
	2.00	20.50	22.50	3.00
** Subtotal **	2 44	oa ea	00 50	5. AA
	2.00	20.50	22.50	3.00
FIN 1130.38.10	1			
FUNCTION CODE ES	3Ø3			
	Ø.00 JTS	36.00 JSR	36.09	4.80
5	Ø.00 JTS	15.75 DJT	15.75	2.19
	Ø.00 JTS	29.50 RJS	29.50	3.93
	10.00 JTS	Ø.ØØ	10.00	1.33



* ROADWAY FOUNDATION SECTION *

* MAN-POWER EXPENDITURES PER PROJECT *

PAY PERIOD	MAN-HOURS SENIOR FOR	MAN-HOURS FOR		TOTAL MAN-HOURS	TOTAL MAN-DAYS
#	SENIOR	DESIGNER		FOR PROJECT	FOR PROJECT
	West-10-11				
	12.50 JTS	0.00		12.50	1.67
5	Ø.ØØ JTS	52.50		52.50	7.00
6	Ø.00 JTS	14.00	JSR	14.00	1.87
Bubsubtotal *	22.50	147.75		170.25	22.70
** Subtotal **				212122	200.0
	22.50	147.75		170.25	22.70
** PIN 1751.49.121	i				
FUNCTION CODE ES	903				
	Ø.ØØ JTS	14.00	JSR	14.00	1.87
6	Ø.00 JTS	17.00	JSR	17.00	2,27
Subsubtotal *	9.99	31.00		31.00	4.13
	Ð.WD	21.55		31.00	4.10
* FUNCTION CODE ES	8Ø5				
	0.00	6.50	JSD	6.50	Ø.87
	Ø.ØØ EDK	6.00	JSD	6.00	Ø.8Ø
6 Published V	8.00 EDK	0.00		8.00	1.07
Subsubtotal *	8.00	12.50		20.50	2.73
** Subtotal **	0.00	12:00		£₽.10₽	2:10
_made	8.00	43.50		51.50	6.87
PIN 2006.09.101					
1 IN CEED. D7. 121	•				
FUNCTION CODE ES				22 52	
	33.50 JTS 0.00 JTS	0.99		33.50	4.47
1	Ø.ØØ JTS	51.50 58.25		51.50 58.25	6.87 7.77
	0.00 JTS	11.50		11.50	1.53
	9.09	16.00		16.00	2.13
* Subsubtotal *					
	33.50	137.25		170.75	22.77
Subtotal **	00 50	407.00			AA 77
	33.50	137.25		170.75	22.77
PIN 2018.00					
* FUNCTION CODE ES	103				
	0.00 EDK	9.50	JER	9.50	1.27
Subsubtotal *	G 64	0.53		0.50	1.07
	Ø.ØØ	9.50		9.50	1.27



3

* ROADWAY FOUNDATION SECTION

* MAN-POWER EXPENDITURES PER PROJECT *

PERIOD #	MAN-HOURS SENIOR FOR SENIOR	MAN-HOURS FOR DESIGNER		TOTAL MAN-HOURS FOR PROJECT	TOTAL MAN-DAYS FOR PROJECT
		Text and \$60 text are not all the text are set			
Subtotal **					
	9.00	9.50		9.50	1.27
PIN 2018.00.3	22				
* FUNCTION CODE	E3Ø4				
	0.00 FXA	18.00	PWB	18.00	2.40
	3.00 FXA	0.00		3.00	Ø.4Ø
Sec.	0.00	8.50		8.50	1.13
2. 14	Ø.90 FXA	2.50		2.50	Ø.33
Total Control	Ø.00 FXA	3.50	PWB	3.50	Ø.47
Subsubtotal *					
	3.00	32.50		35.50	4.73
Subtotal **					
	3.00	32.50		35.50	4.73
** PIN 2378.12.3	11				
FUNCTION CODE (F3Ø3				
1	Ø.ØØ FXA	7.50	MIR	7.50	1.00
	0.90 FXA	2.50		2.50	Ø.33
	Ø.ØØ FAX	35.00		35.00	4.67
* Subsubtotal *	2.22				
	0.00	45.00		45.00	6.00
		/=			
FUNCTION CODE I	E3Ø4				
3	17.50 FXA	0.00		17.50	2.33
	19.00 FXA	9.99		19.00	2.53
	9.00 FXA	9.99		9.00	1.20
2	0.00 FXA	16.00	PWB	16.00	2.13
-3	0.00	10.00	PWB	10.00	1.33
	Ø.00	17.75	MJB	17.75	2.37
	Ø.ØØ FXA	8.50	PWB	8.50	1.13
4	Ø.ØØ FXA	10.60		10.00	1.33
	12.50 FXA	9.99		12.50	1.67
	0.00 BEB	12.00	JTS	12.00	1.60
5	27.00 FXA	0.99		27.00	3.60
<u>-</u>	9.00 FXA	49.50	MJB	49.50	6.60
	Ø.ØØ FXA	3.00	PWB	3.00	9.40
	39.50 FAX	9.00		39.50	5.27
6	6.00 FXA	17.00	MJB	17.00	2.27
	Ø.00 FXA	28.50	PWB	28.50	3.80
Subsubtotai *					
	124.50	172.25		296.75	39.57



* ROADWAY FOUNDATION SECTION

* MAN-POWER EXPENDITURES PER PROJECT

PAY	MAN-HOURS SENIOR	MAN-HOURS	DESIGNER	TOTAL	TOTAL
PERIOD	FÜR	FOR		MAN-HOURS	MAN-DAYS
#	SENIOR	DESIGNER		FOR PROJECT	FOR PROJECT

FUNCTION CODE E3	Ū 4				
4 * Subsubtotal *	Ø.ØØ JTS	7.50	RJS	7.50	1.00
Subtotal **	ฮ.ต์ต	7.50		7.50	1.00
	124.50	224.75		349.25	46.57
FIN 2378.13.311					
* FUNCTION CODE E3	0 3				
_	Ø.00 FXA	5.00		5.00	Ø.67
	Ø.00 FXA	27.59	MJB	27.50	3.67
* Subsubtotal *	a 60	22 54		00 F.I	4.00
	Ø.00	32.50		32.5∅	4.33
* FUNCTION CODE ES	Ø 4				
1	16.50 FXA	0.99		16.59	2.20
	Ø.00 FXA	5.50	PWB	5.50	0.73
2	11.00 FXA	0.00		11.00	1.47
2	Ø.99 JTS	4.50	FAA	4.50	0.60
	11.50 FXA	0.00		11.50	1.53
	0.00	25.50	PWB	25.50	3.40
3	0.00	52.75	MJB	52.75	7.03
e,	0.00	8.50	FAA	8.50	1.13
	Ø.00 FXA	14.00	PWB	14.09	1.87
4	Ø.00 FXA	9.50	MJB	9.50	1.27
4	16.00 FXA	0.00		16.00	2.13
	11.50 FXA	9.99		11.50	1.53
	Ø.00 FXA	14.00	PWB	14.∅∅	1.87
6	6.50 FAX	0.00		6.50	ø.87
	Ø.00 FXA	15.60	FWB	15.00	2.00
3	Ø.ØØ FXA	4.90	PWB	4.00	Ø . 53
* Subsubtotal *	73.00	153.25		226.25	30.17
* Subtotal **	10122	100.50		220.20	00:11
	73.00	185.75		258.75	34.50
* PIN 2378.13.322					
* FUNCTION CODE ES	Ø4				
-5	Ø.00 FXA	1.00	REG	1.00	Ø.13
Subsubtotal *					
	Ø.ØØ	1.90		1.09	Ø.13



* ROADWAY FOUNDATION SECTION

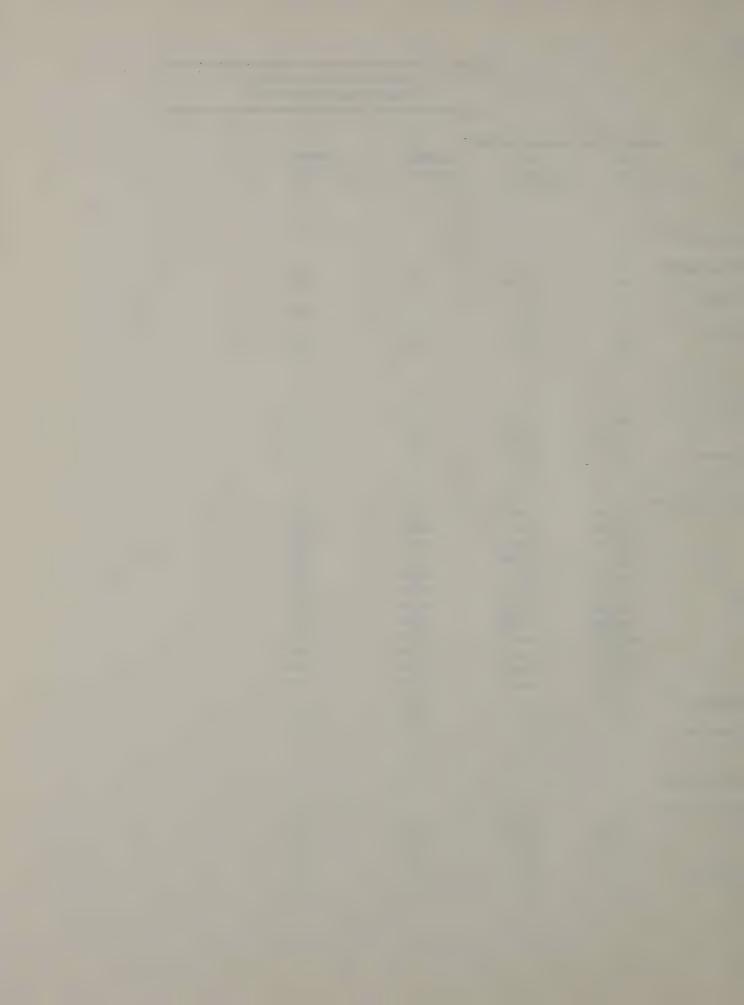
MAN-POWER EXPENDITURES PER PROJECT

PAY PERIOD	MAN-HOURS SENIOR FOR	MAN-HOURS DESIGNER FOR	MAN-HOURS	TOTAL MAN-DAYS
#	SENIOR	DESIGNER	FOR PROJECT	FOR PROJECT
* Subtotal **				
0000001	9.00	1.00	1.00	Ø . 13
* PIN 2378.16.31	.1			
* FUNCTION CODE E	303			
	Ø.ØØ FXA	19.25 MJB	19.25	2.57
	Ø.ØØ JTS	7.50 DJT	7.50	1.00
	Ø.ØØ FXA	3.50 MJB	3.50	Ø.47
* Subsubtotal *				
	ଉ•ଉଷ	30.25	30.25	4.03
* FUNCTION CODE E	3Ø4			
	17.50 FXA	0.00	17.50	2.33
	Ø.00 FXA	7.25 WSJ	7.25	Ø.97
1	Ø.00 FXA	3.00 PWB	3.00	Ø.4Ø
_2	13.00 FXA	Ø.90	13.00	1.73
	Ø.00 FXA	8.00 PWB	8.90	1.07
	8.50 FXA	0.00	8.50	1.13
3	0.00	8.00 PWB	8.00	1.07
	0.00	4.50 MJB	4.50	Ø.6Ø
	Ø.ØØ FXA	7.00 PWB	7.00	Ø.93
4	Ø.50 FXA	7.50 MJB	7.50	1.99
4	12.00 FXA	0.00	12.00	1.60
	13.25 FXA	0.00	13.25	1.77
	0.00 FXA	4.00 PWB	4.00	Ø.53
6	5.00 FAX	Ø.90	5.00	Ø.67
-	Ø.00 FXA	6.50 PWB	6.50	Ø.87
Subsubtotal *				
** Subtotal **	69.25	55.75	125.00	16.67
A Subtotal **	69,25	86.00	155.25	20.70
** PIN 2378.16.31	2			
FUNCTION CODE E	2014 2014			
1	0.00 EDK	7.50 REG	7.50	1.00
Subsubtotal *				
N Cubbalai av	9.00	7.50	7.50	1.00
** Subtotal **	Ø.Ø3	7.50	7.50	1.00
	D 1 D D	1 + 01/	1.00	1.20



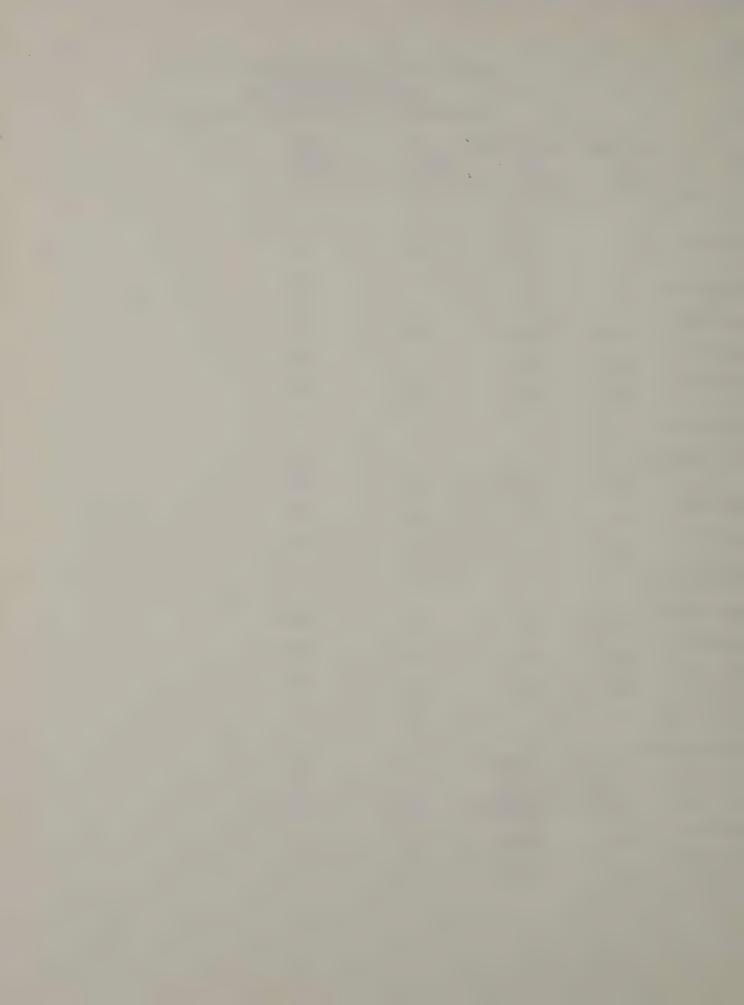
ROADWAY FOUNDATION SECTION MAN-POWER EXPENDITURES PER PROJECT

			****	13#01-10#U	(EXPENDITURES PER
AY PERIOD	MAN-HOURS SENIOR FOR SENIOR	MAN-HOURS FOR DESIGNER		TOTAL MAN-HOURS FOR PROJECT	TOTAL MAN-DAYS FOR PROJECT
3	SENIUK	DESIGNER		FOR PROJECT	FOR PROJECT
PIN 2378.16.7	Ø1				
* FUNCTION CODE					
Subsubtotal *	Ø.ØØ JTS	7.50	JR	7.50	1.00
	Ø.ØØ	7.50		7.50	1.00
** Subtotal **	9.90	7.50		7.50	1.00
** PIN 3298.00.3	13				
FUNCTION CODE					
3	0.00 0.00 JTS	9.5Ø 5.ØØ		9.50 5.00	1.27 Ø.67
Subsubtotal *		3.20	JUN	J.20	9.01
	Ø.ØØ	14.50		14.50	1.93
FUNCTION CODE	E3Ø4				
	Ø.00 FXA	7.50		7.50	1.00
2 .	30.00 EDK	0.90		30.00	4.00
	0.00 EDK	30.00		30.00	4.00
	0.00	6.00	M27	6.00	Ø.8Ø
3	40.00 EDK	9.99	IED	40.00	5.33
3	0.99	75.00		75.00	10.20
	0.00 EDK	62.50		62.50	8.33
5	0.00 BEB	24.50	EUK	24.50	3.27
	40.00 EDK 0.00 EDK	Ø.00 71.00	IED	49.99	5.33 9.47
	Ø.00 EDK	75.00		71.00 75.00	10.00
	27.00 EDK	Ø.99	JEN	27.00	3.60
_* Subsubtotal *	ZI.ED CDK	U.UU		21.00	3.00
Danado to 441 "	137.00	351.50		438.50	65.13
* Subtotal **	101100			400200	00.10
	137.00	366.00		503.00	67.07
* PIN 4088.02.1	14				
FUNCTION CODE					
	Ø.ØØ BEB	6.00	EDK	6.00	Ø.8Ø
-	20.00 EDK	9.99		20.00	2.67
6	14.00 EDK	0.00		14.00	1.87
Subsubtotal *	24.77				
	34.00	6.00		40.00	5.33



* ROADWAY FOUNDATION SECTION

¢ 1				
PAY	MAN-HOURS SENIOR	MAN-HOURS DESIGNE	ER TOTAL	TOTAL
PERIOD	FOR	FOR	MAN-HOURS	MAN-DAYS
. #	SENIOR	DESIGNER	FOR PROJECT	FOR PROJECT
C PULL-1-1 V	u			
** Subtotal **	* 34. <i>00</i>	6.00	40.00	5.33
	24.ED	0.00	40.20	9.55
** PIN 4088.03	3.114			
* FUNCTION COL	DE E3Ø5			
- 8	Ø.ØØ FXA	38.00 WSJ	38.00	5.07
* Subsubtotal	*			
	0.00	38.00	38.00	5.07
** Subtotal **		24 44	W. W. 44 (1)	
· 1	0.00	38.00	38.00	5.07
** PIN 5268.16	€ 5 75			
** FIN 9290.10	0:171			
* FUNCTION COD	DE E305			
6	2.50 JTS	Ø.ØØ	2.50	Ø.33
6	Ø.00 JTS	4.50 RJS	4.50	Ø.6Ø
* Subsubtotal	****	***************************************	,,,,,	2000
	2.50	4.50	7.00	Ø.93
** Subtotal **	F			
	2.50	4.50	7.00	Ø.93
** PIN 5935.56	6.304			
T. SUMMERSON SOR	T POST			
* FUNCTION COD		a aa	а аа	a na
* Subsubtotal	Ø.00 EDK	Ø.ØØ	Ø.QØ	0.00
* Sunsuntotal	* Ø.ØØ	0.00	0.00	0.00
** Subtotal **		D. D.	E/ • E/E/	v.vv
** Odb (0 44) ***	Ø.ØØ	Ø.00	0.00	0.00
			2 - 2 -	~ ~ ~ ~
** PIN 6006.60	3.323			
* FUNCTION COD	E E3Ø4			
4	9.00 FXA	5.50 PWB	5.50	Ø.73
4	2.50 FXA	Ø.ØØ	2.50	ø . 33
5	4.50 FXA	0.00	4.50	9.69
5	Ø.ØØ FXA	15.00 PWB	15.00	2.00
* Subsubtotal		sa za	27.57	0.77
** Subtotal **	7.00	20.50	27.50	3.67
** SHOLOCAL **	7.00	20.50	27.50	3.67
	1 * 2727	20.00	21.00	2.01



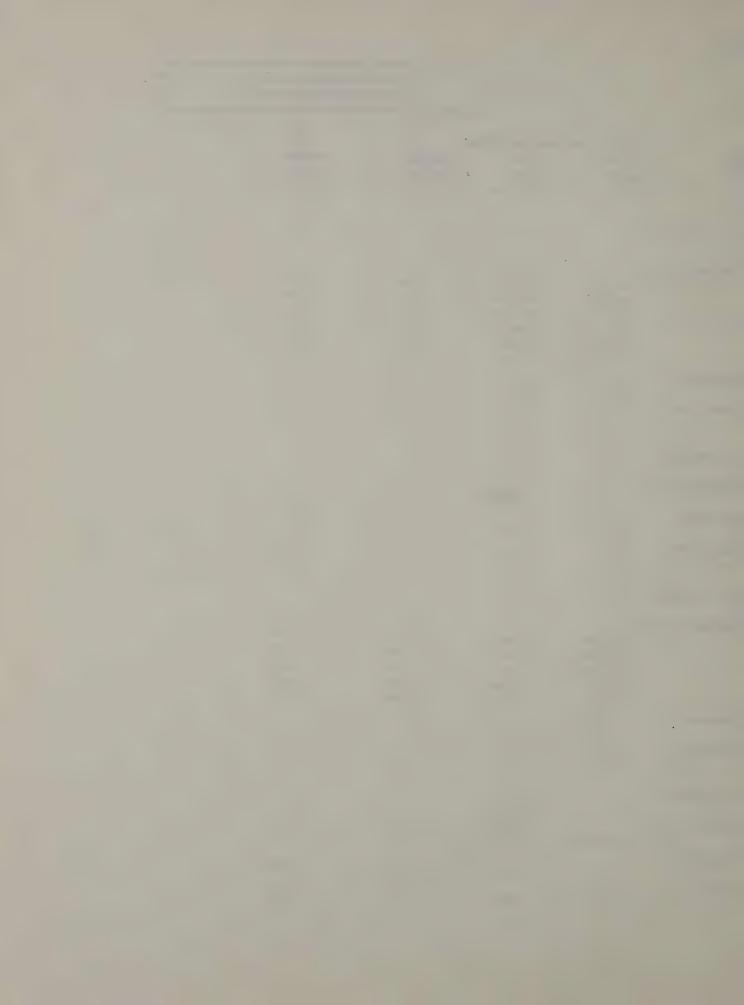
ROADWAY FOUNDATION SECTION

MAN-POWER EXPENDITURES PER PROJECT

TOTAL

PERIOD #	FOR SENIOR	FOR DESIGNER		MAN-HOURS FOR PROJECT	MAN-DAYS FOR PROJECT
#* PIN 6213.08.12	1				
* FUNCTION CODE E	8Ø3				
4	0.00 BEB	8.00 .	JTS	8.00	1.07
4	Ø.ØØ JTS	24.75	FAA	24.75	3.30
5	Ø.00 JTS	55.00 F	FAA	55.00	7.33
5	20.50 JTS	0.00		20.50	2.73
6	18.50 JTS	0.00	Ü	18.50	2.47
6	Ø.00 JTS	57.50 F	FAA	57.50	7.67
* Subsubtotal *					
	39.00	145.25		184.25	24.57
** Subtotal **	20.70				A. P.
	39.00	145.25		184.25	24.57
** PIN 7750.94.12	4				
** FIN 1150.74.12.	<u>I</u>				
* FUNCTION CODE ES	2015				
3	9.99	11.50 F	PWR	11.50	1.53
* Subsubtotal *					
	0.00	11.50		11.50	1.53
** Subtotal **					
	0.00	11.50		11.50	1.53
** PIN 8030.20.12	1				
* FUNCTION CODE ES					
2	13.00 FXA	0.00		13.00	1.73
2	Ø.00 FXA	17.00		17.00	2.27
3	12.00 FXA 0.00	0.00		12.00	1.60
3 ⊸ 5	0.00 FXA	30.25 W 2.50 W		30.25 2.50	4.Ø3 Ø.33
* Subsubtotal *	B.DA LVW	2.00 V	MOJ	2.09	v.33
* Subsubtotal *	25.00	49.75		74.75	9.97
** Subtotal **	LOIDD	77119		17.15	7.71
	25.00	49.75		74.75	9.97
				• /•••	
** PIN 8040.57.302	2				
* FUNCTION CODE E	124				
4	Ø.ØØ JTS	4.50 F	FAA	4.50	9.69
* Subsubtotal *					
	Ø.00	4.50		4.50	Ø.60
** Subtotal **	0.22				
	0.00	4.5∰		4.50	Ø.6Ø
1					

MAN-HOURS SENIOR MAN-HOURS DESIGNER TOTAL



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* ROADWAY FOUNDATION SECTION

* MAN-POWER EXPENDITURES PER PROJECT

	PAY PERIOD #	MAN-HOURS SENIOR FOR SENIOR	MAN-HOURS DESIGNE FOR DESIGNER	ER TOTAL MAN-HOURS FOR PROJECT	TOTAL MAN-DAYS FOR PROJECT
	** PIN 8068.00.12	5			
	* FUNCTION CODE E	3 0 3			
6.	1	Ø.ØØ JTS	4.00 RJS	4.00	Ø.53
	* Subsubtotal *	0.00	4.00	4.00	Ø.53
	** Subtotal **	Ø.00	4.00	4.00	Ø.53
		ស • ភ.ស	4.00	4.99	₽.53
	** PIN 9095.04.12	1			
	* FUNCTION CODE E	3 0 3			
	1	3.00 JTS	Ø.00	3.00	Ø.4Ø
	* Subsubtotal *	3.00	Ø.ØØ	3.00	Ø.4Ø
2	** Subtotal **	0122	2.02	0.00	21.0
-i	Aprile .	3.00	Ø.ØØ	3.00	Ø.4Ø
	** PIN 9095.36.10	1			
	· FINISTION CORE E	Dan			
	* FUNCTION CODE EX	0.00 BEB	32.00 EDK	32.00	4.27
	* Subsubtotal *				
1	** Subtotal **	Ø.ØØ	32.00	32.00	4.27
	, Jubrovai	0.00	32.00	32.00	4.27
7	** PIN 9095.36.30				
B	* FUNCTION CODE ES	3ø8			
	3	Ø.90	19.00 WSJ	10.00	1.33
	3	15.00 EDK	Ø.ØØ	15.00	2.00
	4	Ø.90 FXA	67.00 WSJ	67.00	8.93
	5	Ø.00 FXA Ø.00 FXA	24.00 WSJ 6.00 WSJ	24.00 4 aa	3.2Ø Ø.8Ø
	* Subsubtotal *	P.DETAA	O.W WOJ	6.00	8.00
i		15.00	107.00	122.00	16.27
1	** Subtotal **	15.00	107.00	100 88	14 27
9		10.00	161.60	122.00	16.27
-	** PIN 9357.18.111				
	* FUNCTION CODE ES	805			
	5	0.00 EDK	2.00 JER	2.99	ø.27
-					



ROADWAY FOUNDATION SECTION

MAN-POWER EXPENDITURES PER PROJECT

	PAY PERIOD #	MAN-HOURS SEN FOR SENIOR	HIOR MAN-HOURS FOR DESIGNER	DESIGNER TOTAL MAN-HOURS FOR PROJECT	TOTAL MAN-DAYS FOR PROJECT
4	* Subsubtotal * ** Subtotal **	Ø.ØØ	2.00	2.00	0. 27
0		9.69	2.00	2.00	Ø.27
	** PIN 9801.56.				
	* FUNCTION CODE ES 5 * Subsubtotal *	0.00 JTS	7.50	DJT 7.50	1.00
11	** Subtotal **	0.00	7.50	7.50	1.00
		0.00	7.50	7.5Ø	1.00
1	** PIN 9801.56.101				
	* FUNCTION CODE E3 6 * Subsubtotal *	0.00 JTS	7.50	DJT 7.50	1.00
	** Subtotal **	Ø.ØØ	7.50	7.50	1.00
U		Ø.ØØ	7.50	7.50	1.00
	** PIN E104.04.701 * FUNCTION CODE E3				
	* FUNCTION CODE ES	6.5Ø JTS	0.00	6.50	Ø.87
	2	6.00 JTS	9.99	6.00	9.80
	3	5.00 JTS			0.67
	4	Ø.00 BEB	3.00	JTS 3.00	Ø.4Ø
ę.	* Subsubtotal * ** Subtotal **	17.50	3.00	20.50	2.73
	** SUDIOUE **	17.50	3.00	29.50	2.73
	** PIN E104.05.701				
-	* FUNCTION CODE ES	53			
0/5	1	56.50 EDK		56.50	7.53
	1	Ø.00 EDK			1.73
-	2	39.00 EDK		39.00	5.20
0.1	3	20.00 EDK 27.00 EDK		20.00	2.67
100		ZI.DO EDK	0.00	27.00	3.60

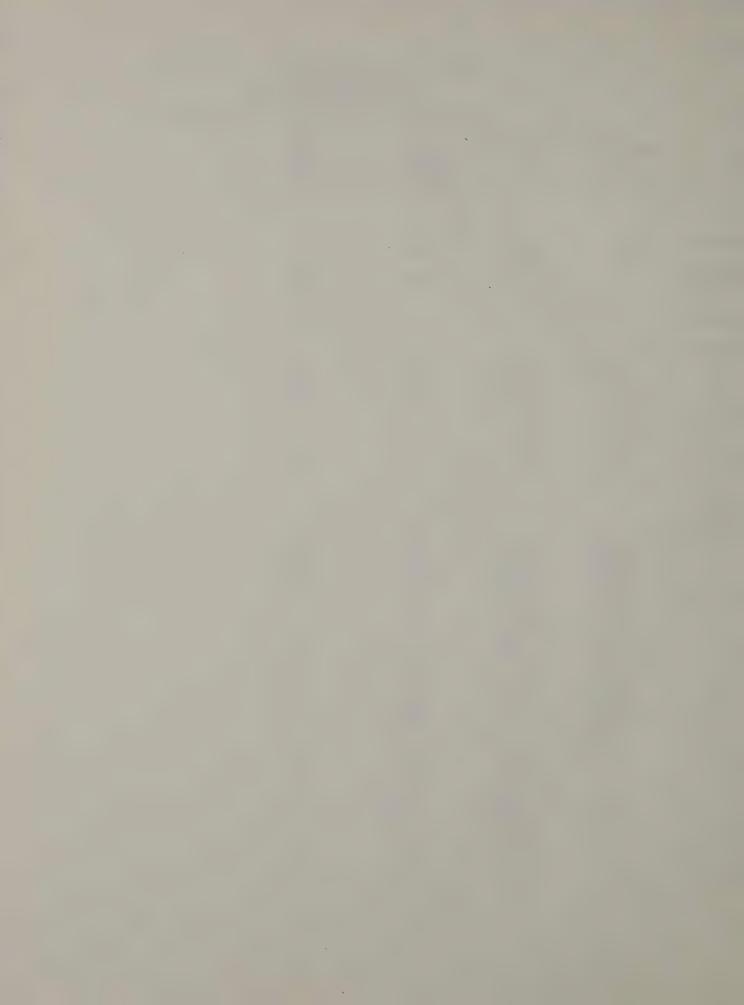


ROADWAY FOUNDATION SECTION

MAN-POWER EXPENDITURES PER PROJECT

PAY	MAN-HOURS SENIOR	MAN-HOURS	DESIGNER	TOTAL	TOTAL
PERIOD	FOR	FOR		MAN-HOURS	MAN-DAYS
#	SENIOR	DESIGNER		FOR PROJECT	FOR PROJECT

* Subsubtotal					
** Subtotal **	142.50	13.00		155.50	20.73
na naproval «	142.5Ø	13.00		155.50	20.73
3					
** PIN E112.99	7.791				
* FUNCTION COL)E E384				
2	Ø.00 JTS	4.00	JR	4.00	Ø.53
3	9.99	14.00		14.00	1.87
3	0.00	7.50		7.50	1.00
4	Ø.ØØ JTS	1.00	JSR	1.00	Ø.13
* Subsubtotal					
	0.00	26.50		26.50	3.53
** Subtotal **		54.50		M. J. 1994	
	Ø.ØØ ,	26.50		26.50	3.53
** PIN E353			,		
* FUNCTION COD	E E353				
1	14.00 FXA	0.00		14.00	1.87
1	Ø.ØØ FXA	20.75	WSJ	20.75	2.77
1	Ø.00 FXA	29.00	PWB	29.00	3.87
_ 1	Ø.00 FXA	23.00	MJB	23.00	3.07
2	17.00 FXA	0.00		17.00	2.27
2	Ø.ØØ FXA	25.00	WSJ	25.00	3.33
2	Ø.ØØ FXA	25.50		25.50	3.40
2	Ø.ØØ FXA	11.50	MJB	11.50	1.53
3	12.25 FXA	0.00		12.25	1.63
4	Ø.90 FXA	29.50	MJB	29.50	3.93
4	13.50 FXA	0.00		13.50	1.80
5	17.00 FXA	0.00	0	17.00	2.27
5	0.00 FXA	23.00		23.00	3.07
5	Ø.00 FXA	28.50		28.50	3.80
5	Ø.00 FXA	25.50	WSJ	25.50	3.40
0 6	9.00 FAX	0.00		9.00	1.20
6	0.00 FXA	21.50		21.50	2.87
6	Ø.ØØ FXA	7.50		7.50	1.00
6 * Cubauhtatal	Ø.00 FXA	19.00	MSJ	19.00	2.53
* Subsubtotal		200.25		272 00	45.73
1 xx Cubental xx	82 . 75	239.25		372.00	49.60
** Subtotal **	82.75	289.25		372.00	49.60



* ROADWAY FOUNDATION SECTION

* MAN-POWER EXPENDITURES PER PROJECT

PAY MAN-HOURS SENIOR MAN-HOURS DESIGNER O TOTAL TOTAL
PERIOD FOR FOR MAN-HOURS MAN-DAYS
SENIOR DESIGNER FOR PROJECT FOR PROJECT

* PIN E354					
* FUNCTION CODE E354					
Co.	Ø.00 FX	A 3.00	WSJ	3.00	Ø.4Ø
	Ø.00 JTS	S 7.50	JR	7.50	1.00
1	Ø.00 ED	K 39.00	REG	39.00	5.20
	Ø.90 ED	K 32.00	JSD	32.00	4.27
0	Ø.00 JT9	S 17.50	JR	17.50	2.33
2	Ø.00 ED	K 53.00	REG	53.00	7.07
2	0.00 ED	K 49.50	JSD	49.50	6.60
	0.00	3.50	WSJ	3.50	Ø.47
	0.00	9.50	JR -	9.50	1.27
3	9.99	75.00	REG	75.00	10.00
	0.00	6.09	JSD	6.00	Ø.8Ø
6	Ø.90 JTS	5 10.00	JSR	10.00	1.33
4	Ø.00 EDK	K 67.5Ø	REG	67.50	9.00
4	Ø.00 ED	K 51.50	JSD	51.50	6.87
	Ø.00 EDK			74.00	9.87
	0.00 JTS			25.00	3.33
5	13.50 JTS			13.50	1.80
	16.50 JTS			16.50	2.20
9	Ø.ØØ JTS		JSR	29.00	3.87
6	Ø.00 EDH			67.50	9.00
_* Subsubtotal *					
20/	30.00	620.00		650.00	86.67
** Subtotal **					
	30.00	620.00		650.00	86.67
					30101
₩ PIN E362					
FUNCTION CODE E362					
d	11.00 JTS	s Ø.ØØ		11.00	1.47
	Ø.90 JTS		DJT	46.50	6.20
2	19.00 JTS			19.00	2.53

27.00 DJT

17.00 DJT

0.00

0.00

90.50

99.59

27.00

6.00

6.50

17.00

133.00

133.00

3.60

9.89

Ø.87

2.27

17.73

17.73

0.00 JTS

6.00 JTS

6.50 JTS

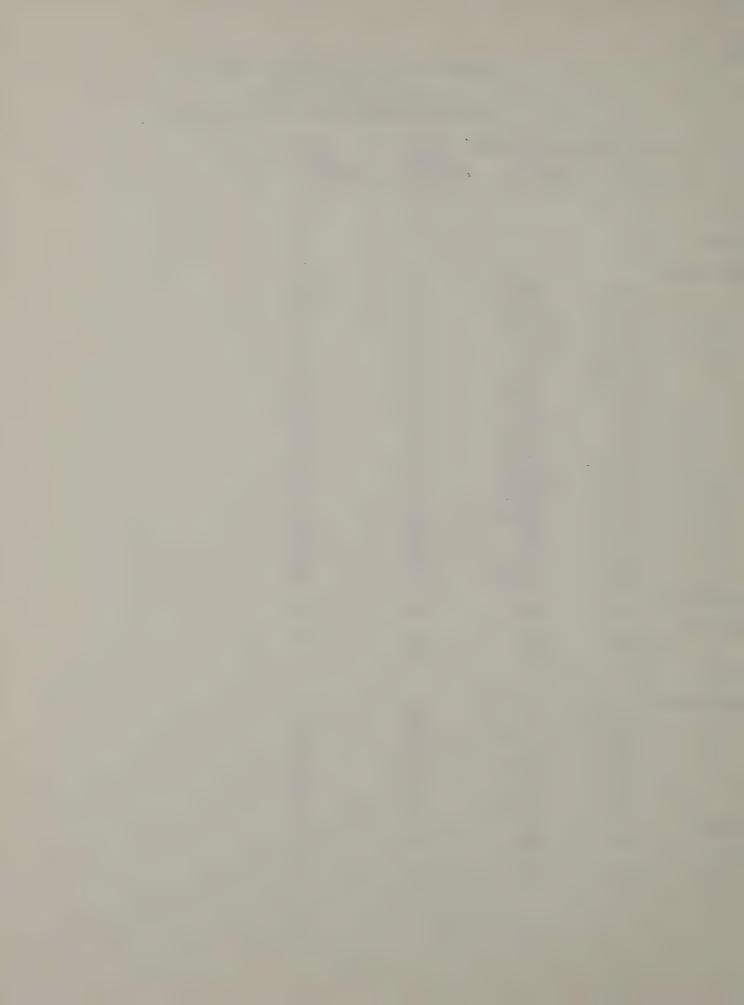
0.00 JTS

42.50

42.50

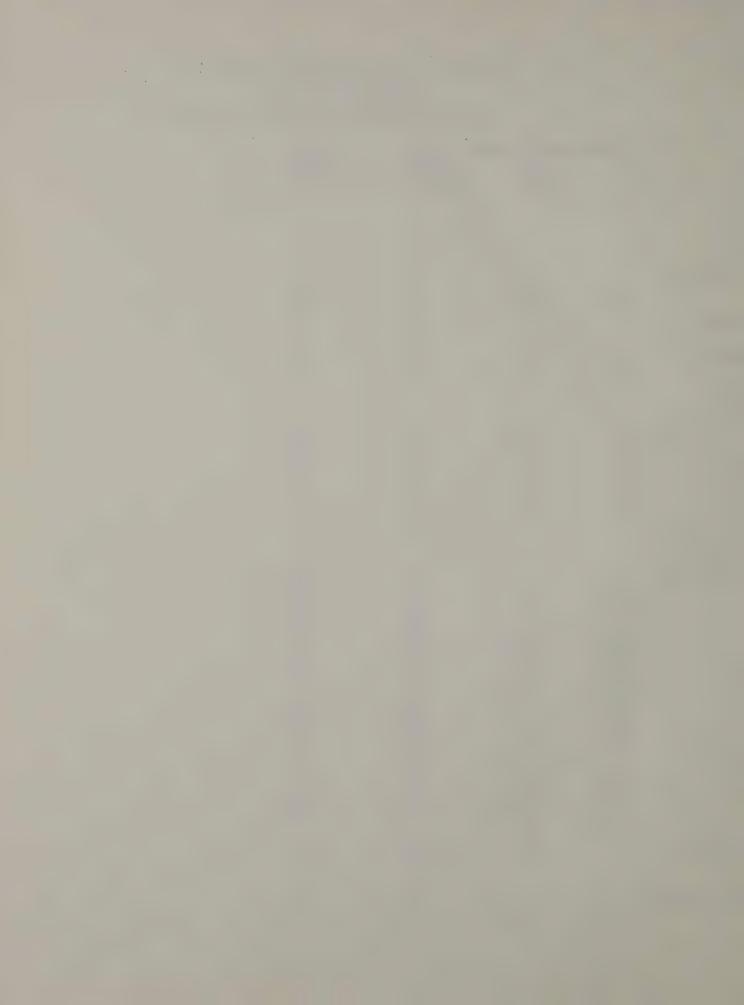
Subsubtotal *

** Subtotal **



* MAN-POWER EXPENDITURES PER PROJECT

PAY ERIOD #	MAN-HOURS SENIOR FOR SENIOR	MAN-HOURS FOR DESIGNER		TOTAL MAN-HOURS FOR PROJECT	TOTAL MAN-DAYS FOR PROJECT
* PIN E366					
FUNCTION CODE E	266				
1 500 1 100 0000 0	Ø.00 FXA	3.50	MJB	3.50	Ø.47
	Ø.ØØ FXA	1.50		1.50	Ø.2Ø
Subsubtotal *					
	0.00	5.00		5.00	Ø.67
* Subtotal **	a aa	= 44		E 44	A 17
	0.09	5.00		5.00	Ø.67
* PIN E501					
FUNCTION CODE E	=41				
FUNCTION CODE E	0.00 001	1.50	FAA	1.50	0.20
Subsubtotal *	2122	1102	1777	2100	2122
	Ø.00	1.50		1.50	Ø.2Ø
* Subtotal **					
	0.00	1.50		1.50	0.20
* PIN M104.00.70	4				
שו.שע.+עודה אווי	1				
FUNCTION CODE ES	3Ø3				
	3.00 JTS	0.00		3.00	Ø.4Ø
	Ø.00 JTS	4.50	RJS	4.50	9.69
	28.00 JTS	9.00		28.00	3.73
	0.00 JTS	30.00	JR	30.00	4.00
	Ø.ØØ JTS	26.25	DJT	26.25	3.50
	Ø.00 JTS	58.00	RJS	58.00	7.73
	37.50 JTS	0.00		37.50	5.00
	9.99	33.00		33.00	4.40
	0.00	67.50		67.50	9.00
	0.00	58.00		58.00	7.73
	Ø.00	32.75		32.75	4.37
	Ø.ØØ JTS	51.50		51.50	6.87
	0.00 JTS	20.00		20.00	2.67
	0.00 PEB	12.00		12.00	1.60
	Ø.ØØ JTS	41.50		41.50	5.53
	Ø.00 JTS 9.00 JTS	12.50	FAA	12.50 9.00	1.67 1.20
Subsubtotal *	7 1 2 2 1 3 1 3	D.D.		7.09	1.20
GGDGGD40441 ×	77.50	447.50		525.00	70.00
FUNCTION CODE E	309				
	0.00 EDK	3.00		3.00	0.40
	Ø.ØØ EDK	2.90	JER	2.00	Ø.27



* MAN-POWER EXPENDITURES PER PROJECT

96				
PAY	MAN-HOURS SENIOR	MAN-HOURS DESIGNER		TOTAL
PERIOD	FOR	FOR	MAN-HOURS	MAN-DAYS
#	SENIOR	DESIGNER	FOR PROJECT	FOR PROJECT

Subsubtotal *				
-	Ø.ØØ	5.00	5.00	Ø.67
** Subtotal **				
	77.50	452.50	530.00	70.67
** PIN M504.00.701				
FUNCTION CODE ES	Ø3			
	2.00 JTS	0.00	2.00	Ø.27
* Subsubtotal *				
	2.00	0.00	2.00	Ø.27
* Subtotal **		**		
200000000000000000000000000000000000000	2.00	Ø.ØØ	2.00	Ø.27
	600 E 14 A6	2 122		~ ~ ~
* PIN M604.00.701				
- 1217 1102 1200 1102				
* FUNCTION CODE E3	445			
TOROTTOR CODE LO	6.ØØ JTS	0.00	6.00	Ø.8Ø
	Ø.00 JTS	10.00 RJS	10.00	1.33
	3.50 JTS	0.00 K33	3.50	Ø.47
	0.90 JTS	12.50 RJS	12.50	1.67
01	8.50 JTS			
		Ø.00	8.50	1.13
3	0.00	7.50 RJS	7.50	1.00
	0.00	4.50 FAA	4.50	Ø.60
	Ø.00 JTS	34.50 RJS	34.50	4.60
-	Ø.00 BEB	2.50 JTS	2.59	0.33
5	Ø.00 JTS	3.00 RJS	3.00	9.49
	2.00 JTS	0.00	2.00	0.27
	Ø.00 JTS	16.50 RJS	16.50	2.20
* Subsubtotal *				
4	20.00	91.00	111.00	14.80
Subtotal **				
	20.00	91.00	111.00	14.80
-				
** PIN M804.00.701				
* FUNCTION CODE E1				
4	Ø.00 JTS	6.50 FAA	6.50	g.87
* Subsubtotal *				
	0.00	6.50	6.50	Ø.87
** Subtotal **				
	Ø.ØØ	6.50	6.50	Ø.87



ROADWAY FOUNDATION SECTION

MAN-POWER EXPENDITURES PER PROJECT MAN-HOURS SENIOR MAN-HOURS DESIGNER TOTAL TOTAL MAN-HOURS MAN-DAYS PERIOD FOR FOR SENIOR DESIGNER FOR PROJECT FOR PROJECT * PIN M904.00.701 * FUNCTION CODE E303 3.00 FXA 0.00 W 3.00 0.49 0.00 FXA 7.50 PWB 7.50 1.00 Ø.00 FXA 3.00 MJB 3.00 0.40 0.00 FXA Ø.50 PWB 0.50 9.97 9.90 10.50 PMB 16.50 1.40 Subsubtotal * 3.00 21.50 24.50 3.27 Subtotal ** 3.00 21.50 24.50 3.27 * PIN P006.01.801 FUNCTION CODE E353 8.00 EDK 0.00 8.00 1.07 0.00 EDK 0.00 0.00 0.00 6.00 EDK 0.00 6.00 Ø.8Ø Ø.00 EDK 23.50 JER 23.50 3.13 0.00 5.00 JEH 5.00 0.67 9.00 EDK 5.90 JER 5.99 0.67 Subsubtotal * 14.00 33.50 47.50 6.33 ** Subtotal **

33.50

3572.25

47.50

4639.75

6.33

618.63

14.00

1967.50

*** Total ***



REPORT OPTION # 5

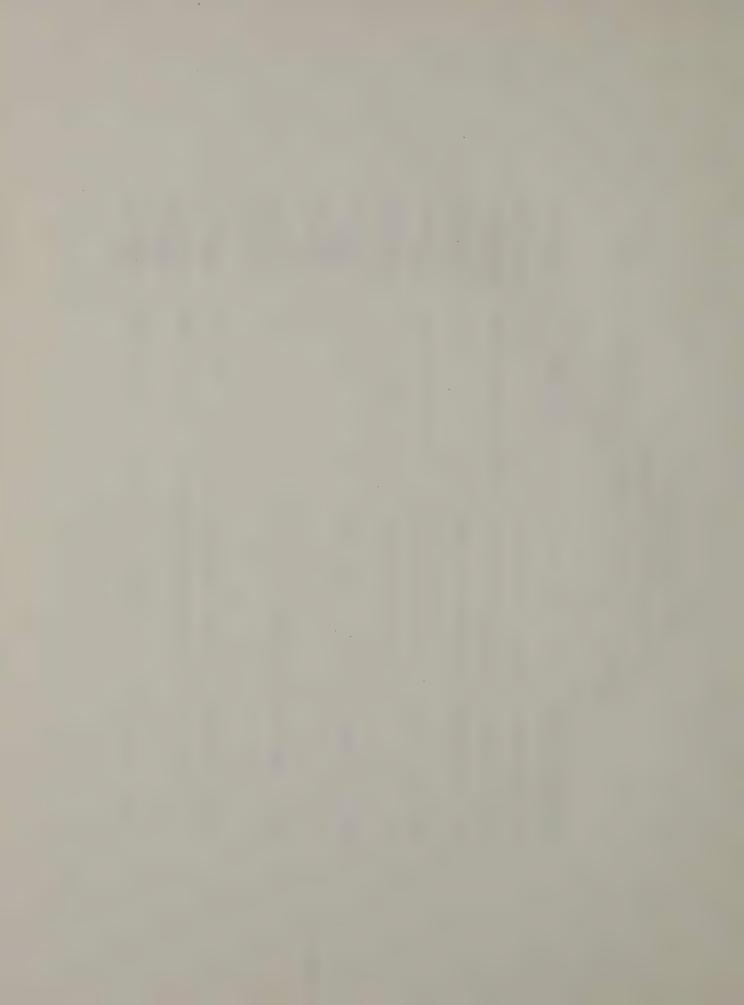
"END OF YEAR PROJECT STATUS REPORT"

Project Report including those with a status of completed.

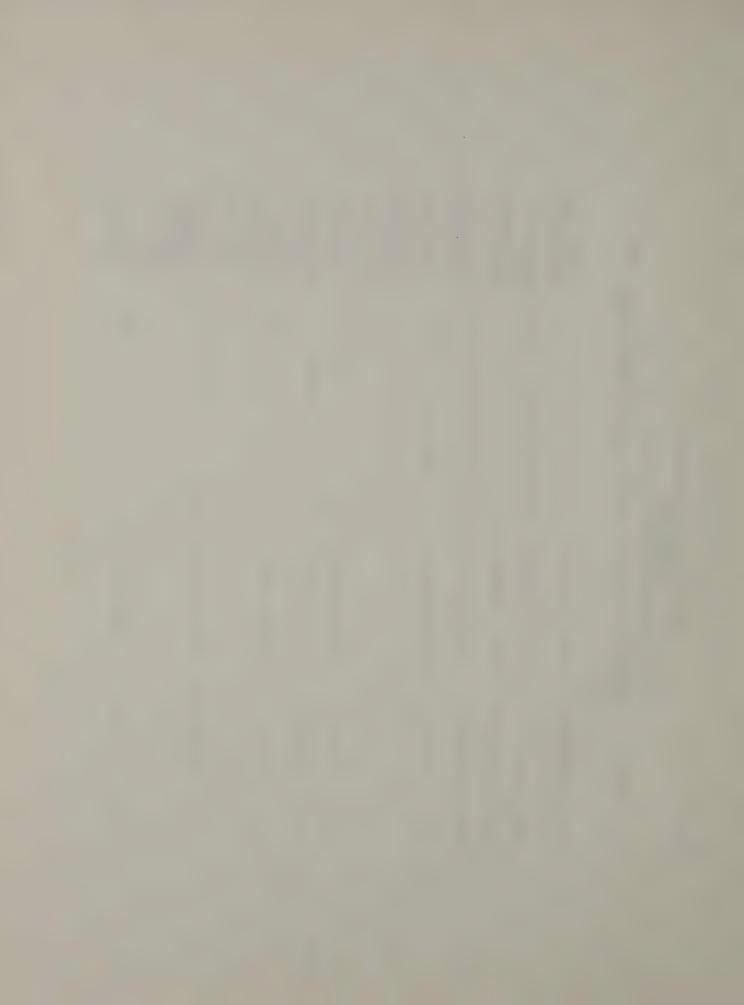


* CORRENT FROLET STAUS ROADARY FOLKOLITON SECTION

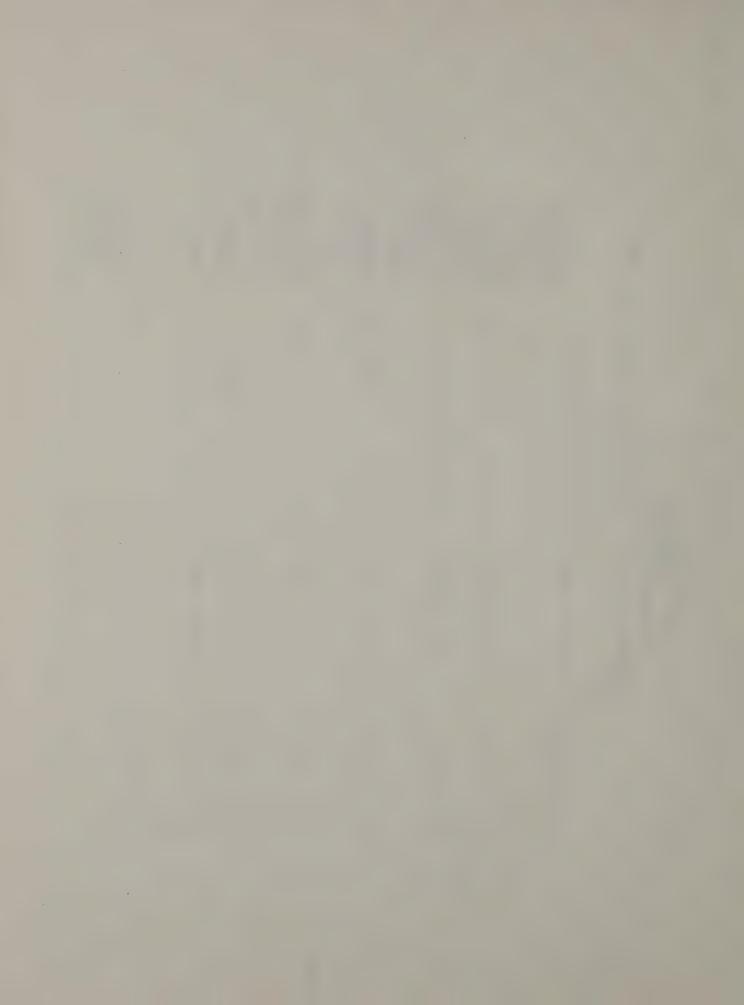
@ VANE TESTS AND BORINGS IN studies will be required. 3 Third report.
Recommendations revised to a SLOPE FLATTENING I Reactivated. Investigated feasability of placing additional
2'-4' of fill on west
berm. Recommended 2' FIR. Recommended placing AREA, FIELD TRIP PLANNED FOR END OF MONTH. 1 PRELIMINARY DESIGN OUT FOR ALTERNATE C. abutments and piers on Recommended excavate & BORING PROGRAM OWGOING, INDICATORS AND OBSERVATION WELLS HAVE @ Alignment change. New I REPORT TRANSMITTED ON B NOT A HOT JOB, SWAMP SUBSIDENCE OR SHEAR # RECOMPENDED SLOPE FAILURE ? SLOPE # SHOULDER FAILURE. BEEN INSTALLED. COMMENTS FLATTENING. backfill. TREATHENT. PROGRESS. 4/16/86. piles. DESIGN # # COMPLETE PROB PROB TUO NI 2 es 82/24/86 93/26/86 84/19/86 82/24/86 34/91/86 \$1/17/86 COMPLETED JTS FAA 87/81/85 86/81/86 88/87/85 18/31/85 11/86/86 84/15/86 11/18/85 84/16/86 #2/#1/86 12/12/85 #1/3#/86 65/81/85 81/38/86 / / 68/81/86 98/61/35 92/13/86 89/61/84 11/13/84 10/31/86 35/20/86 DESTGN 11 98/38/68 TARGET 92/91/86 1 1 - -1 1 ---LAB DATA RECVD -E383 COMPLETED JTS DJT 68/81/85 / / 11/81/85 89/19/85 1 1 BORINGS 1 1 1 1 --- -- | -12/12/85 12/61/85 -11 -EDK JER 81/81/86 81/81/88 / / COMPLETED JCI JCI 89/81/84 12/81/86 EDK JER 64/25/86 \$1/61/88 COMPLETED EDK MSJ 85/81/85 85/91/86 JTS DJT 03/03/86 04/01/88 CONPLETED FA NUB 67/16/85 96/91/85 EDK JSD 19/91/85 96/91/87 98/01/86 COMPLETED FA WSJ 12/12/85 / / PSSE COMPLETED JTS DJT 82/18/86 PAY FUNCT STATUS
PERIOD CODE
NUMBER BACKLOG ACTIVE ACTIVE 耍 E3Ø3 E383 E391 E383 E385 E383 E383 E383 E383 E383 RTE. 150 BROOKVIEW BRIDGE 2 2 ~ 2 HILL STR. NEW EASTON BR HIAMATHA BLYD M.BERM #2 RTE. 34 AND 96 NEWFIELD RTE 396 SELKIRK RR BR RTE 163 FT. PLAIN(#2) RIE. 4 & 197 BRIDGES I-81, HIAMATHA BLVD. RIE 17 CORNING AREA BLEY ROAD PROJECT RT.55 ** CATEGORY DESIGN 1657.11.121 1889.34.122 1347.04.121 1751.00.121 2886.89.181 3298.06.313 3298.88.321 3314.15.121 6886.84.121 5751.68.121 2018.00 FIN



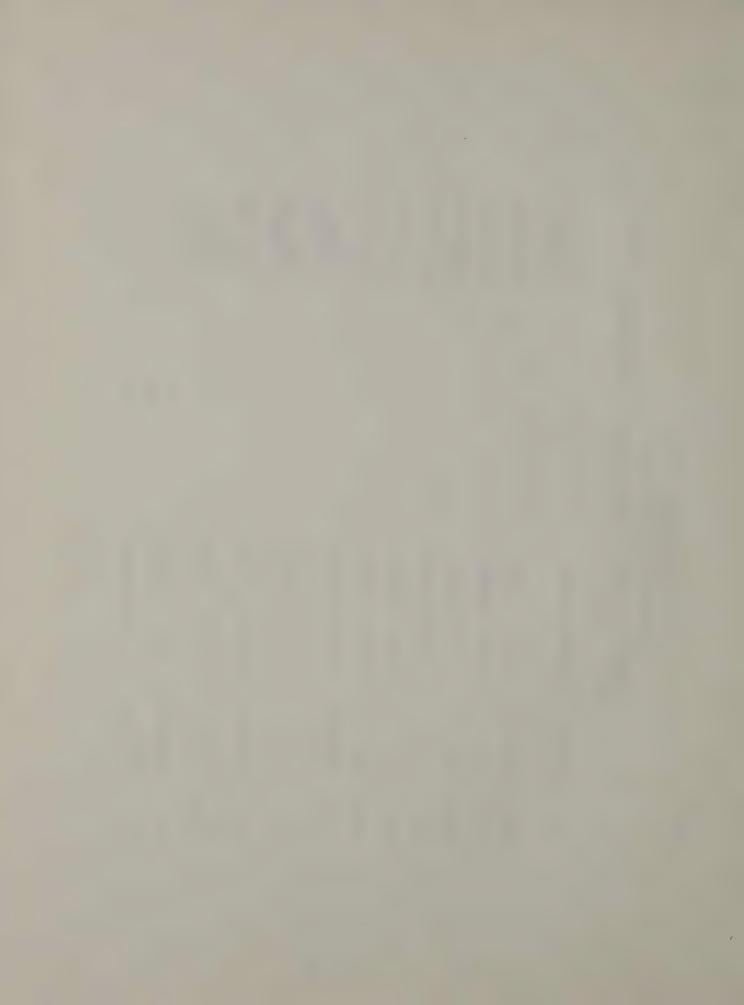
	# CONVENTS PROB OUT	Ø WILL RECEIVE PLANS AND PROFILE FROM THE REGION SOON, AS PER E. LANKE.	# Bridge replacement with R.E. wail.	# SUBSURFACE EXPLORATION IN PROGRESS.	# REPORT OUT FOR WEST SIDE OF MIDENING. REPORT FOR EAST SIDE SENT OUT4/3/86.	1 FILLING OF SAMP FOR PARKING LOT. Recommended Stage Const. 2 6' Eurcharge. Reactivated. Investigated feasibility of placing 224' surcharge. Recommend 4' only.	1 STA-PODS. A experimental feature on site #4.	# SLOPE STABILIZATION, WALL AT TOP TOE OF SLOPE, CONSTRUCTION PROBLEM,	Integrate number, Investigation complete. Ecomendations verbally fransmitted to consultant, No response since 5/85.	W PRELINIAMY CIST ESTIMATE AND BORNING REQUEST SAUNTIED TO REGION. DRILLING COPPLETED \$6/4/86. IANY T. HAS MADHANS AND SILLY HAS MALLONESING.	1 PIPE FALLEE. Recommended removal of pipe and berm in failure area.
	PROB PROB						~	2			-
	DESIGN	-	83/21/86	- '	64/83/86	82/84/86	#1/#1/8# #3/21/86	-	85/81/82	-	81/ 31/86
	DESIGN	-	- '	- '	91/22/86	19/81/85	81/81/88	Ø5/20/86	-	186/185/86	-
	TARGET COMP DATE	- '	84/81/86	1 1	84/15/86 81/22/86	11/15/85 12/81/85 12/31/85 19/81/85 82/84/86	1 1	66/61/86	-	88/81/86 95/85/86	-
***	LAB DATA RECVD	1 1	' '	- '	\$2/13/86	12/81/85	` '		-	-	-
* * * *	BORTINGS RECVO	11	92/14/86	11	91/38/86	11/15/85	` '	` '	-	-	-
T STATUS IN SECTION	PLANS RECVU	- 1	\$1/24/86	- '	98/86/16 98/19/29	-	- 1		-	12/91/85	` '
CLRRENT PROJECT STATUS ROADWAY FOUNDATION SECTION	PSE	88/81/ 87	£5/81/86	18/18/19	PS/18/1/86	-	- ' '	-	-	-	-
CLARENT PROJECT STATUS ROJONAV FOUNDATION SECTION *	S D PROJ R S S RECVD	JTS FAA 956/28/86	RLS #2/1/15/86	FA 1651 64/23/86	COMPLETED JTS RJS #1/22/86	COMPLETED FA RLS 19/81/85	COMPLETED EDK REG 91/81/85	EDK MSJ 95/12/86	INACTIVE JTS RJS 64/81/84	JTS RJS 12/81/85	E318 COMPLETED EDK JER 12/81/85
11	STATUS	ACTIVE	COMPLETED FA	ğ	DIPLETED	COMPLETED ON THE PROPERTY OF T	OMPLETED	ACTIVE	NACTIVE	ACTIVE	OWLETED
	PAY FUNCT PERIOD CODE NUMBER	E3Ø3	E363	E363		E329 (E383	E368	E383		E31 8
	PROJECT PE	BENNETTSBURG-PERRY CLTY 2	RTE 98 OVER RR 2	RI.59 OVER PASCAK CREEK 2	RTE 9 SHEAFE ROAD 2	NAMET RR BUS LOT 2	RTE. 30 GRAND GORGE 2	SHARON SPRINGS WALL 2	TALLYRAND SHAMP 2	RT.22, MOHAMSSMALLONBURG 2	RTE 151 PIPE FAILURE 2
96/26/86	NI	6218.88.121	7118.82.121	. 8838.28.	8868.89.125	8751.05.121	9844.22.121	9095,36,381	E112.18.701	M184.98.781	M184.88.781



	COMENTS	OLD & SLOW MOVING FAILURE, REGION HAS PLACED ON HOLD UNTIL IT COPPLETELY FAILS BECALGE COPPLETELY FAILS BECALGE FOR THE HIGH COST OF REPAIRING IT NOW. BORINGS ROLESTED 2/24/34.	AVALYSIS COMPLETE 1/31/86, SUMMARY REPORT OF DESIGN ACTIVITES COMPLETED 4/11/866.	9 SLOM SLOPE MOVEMENT. No rush - correction is cost dependent. Preliminary borings requested 9726/85, received 1/29/86.	STONE RETAINING WALL FAILURE. Recommended replacement with crib type wall. Preliminary cost estimate fransmitted 3/18/86.	5 Ongoing review of plans & specs for Phase 1 dock rehabilitation. Report #5 out 1/30/86.	FINAL DRAFT IN PROGRESS.	# FINAL REPORT BEING REPRODUCED.	1 FINAL REPORT IS BEING REPRODUCED.		1 Montoring post const movement. Spring reading will be taken in April. If their is no movement, no further readings will be taken unless requested.
	PROB PROB	2		→	- ,	ισ 			1 1	39 19	=
	DESIGN COMPLETE	-	94 /11/86	-	82/83/86 02/13/86	\$3/81/86	11	11	P5/81/86 93/81/85 95/18/86		2
	DESIGN	-	03/01/83	9 4/15/86	82/63/86	-	63/01/86	83/81/85	93/81/85		2
	TARGET COMP DATE	` `	64/15/86 83/81/83	68/81/86	-	-	64/38/86	Ø5/38/86	Ø5/81/86		-
CURRENT PROJECT STATUS ** ROADMAY FOLDADATION SECTION **	LAB DATA RECYD		-	-	-	-	1 1	` '			-
	BORINGS	-	86/81/84 86/81/83	98/67/18 28/18/68	-	-	1 1	- '			-
	PLANS	-	96/81/84	58/18/68	-	-	1 1		1 1		-
CLEARINT PROJECT STATUS ADMAY FOUNDATION SECTI	38	-	-	-	-	-	11	` '			-
* CURREN	STATUS S D PROJ E S RECVD N N	COMPLETED JTS RIS BL/BI/24	E383 CONPLETED JTS FAA 18/81/82	ACTIVE JTS RJS 67/81/85	CONPLETED FA NGJ #2/#3/86	COMPLETED EDK JER 82/81/85	ACTIVE EDK JER #3/#1/85	ACTIVE EDK JER \$3/81/85	COMPLETED EDK JER 63/91/85		INCTIVE EIK NSJ 18/81/84
	PAY FUNCT PERIOD CODE NUMBER			E963	E3#1	E328	E328	E328	200		5 82
	空 街 黃	2	2	8	8	2	7	2	2		7
	PROJECT	RTE 288 ALLGANY RES'VOIR	RTE, 353 LEAVENMORTH	RTE 19 BELFAST	RTE, 6N WALL FATLLRE	ALBANY PORT EVAL. #5	BUFFALO PORT EVALUATION	OSNEGO PORT EVALUATION	OGDENGBURG PORT EVAUL.	** Subtotal **	ALT RIE 7 NOISE BARRIER
	N.	H504.00.701	M584.68.781	MG84.08.781	MS84.60.791	P966.81.881	P986.91.891	P666.91.891	P666.81.881	** Subtotal **	



	COMPENTS	When construction starts, instrumentation will monitor embankment settlement.	Monitoring wall movement in the spring and fall.	Monitoring construction phase.	Monitering construction phase.	Monitoring construction phase	Monitoring construction phase.	Monitoring construction phase.	POST-CONSTRUCTION HOVEMENT, NO MOVEMENT AS OF APRIL 1986.	SECTION OF HIGHAY IS BEING MONITORED USING A SLOPE INDICATOR.	BRIDGE STTE 2 IS BEING MONITORED. ARTESIAN WELLS.	SLIDE STABILIZATION. Monitoring post construction movement.		0	
	PROB PROB	**			-		-	-	-			-	•	•	•
	DESIGN	` '	1 1	1 1	11	11			` '	-	-	-	1 1	11	1:
	DESIGN	-	1 1	- '	11	1 1	- '	-	-	1 1		- '	11	11	11
	TARGET COMP DATE	1 1	11	1 1	1 1	1 1	11		-	11		12/12/87	67/18/86	61/31/86	98/38/88
* * *	LAB DATA RECVO	1 1	- '	1-1		- '	` '	- '	-	` '	-	-	11	11	1 1
***************************************	BORINGS	11	- 1		- 1	- 1	1 1	- 1	-	-	7	-	11	11	1 1
T STATUS ON SECTIO	PLAKS RECVO	-	` '	' '		` '	1 1	1 1	-	-	-	7	1 1	11	
CURRENT PROJECT STATUS ROADWAY FOUNDATION SECTION	PSE	1	1 1	- '	- '	- '	1	1 1	-	1	-	-	11	11	11
CURRENT PROJECT STATUS * * ROADMAY FOLKDATION SECTION *	E S RECVD	INCTIVE JTS RJS 06/01/85	NUB 85/81/85	M.SB 83/81/85	NJB 63/61/85	NJB 83/61/85	NUB 83/81/85	PMB 12/91/85	JTS REB 67/81/85	86/81/83	1 96/81/83	FA 86/81/83	JCI EAC 19/81/85	JCI HKR 84/86/83	JCI EAC 91/81/85
	STATUS	INACTIVE JI	ACTIVE FA	ACTIVE FA	ACTIVE FA	ACTIVE FA	ACTIVE FA	ACTIVE FA	ACTIVE JI	BACKLOG FA	BACKLOG FA	ACTIVE F	ACTIVE JO	ACTIVE JO	ACTIVE JO
	PAY FUNCT PERTOD CODE NUMBER	E3@3	E362	E3BH	35	HE SE	#8E	# 2	E3#3	E362	250	E963	E321	E351	E321
	a. 2. ≦	64	γ 2	2	2	2	7	2	4	2	2	2	T10N 2	2	2 2
	PROJECT	NASSAU EVPRESSMAY	RTE. 2 BRUKSMICK-TROY	M.U.D. 12	M.U.D. 13	MLD 14	MUD 15	M.U.D. 16	RTE. 38 GROTON LOCKE	DWEGO BR. CO. LINE	RTE 38 N. BLENEIN	BORST NOBLE RD	PIEZONETER SPECIFICATION	SCP-7 UPDATE	CABLE SET SYSTEM SPEC
	PIN	Ø₩2°8@°	1661.68.191	2378.12.311	2378.13.321	2378.14.311	2378.15.311	2378.16.311	3822.17.321	6886.4#.	7844.22	9357.15.121	1522	6351	E351

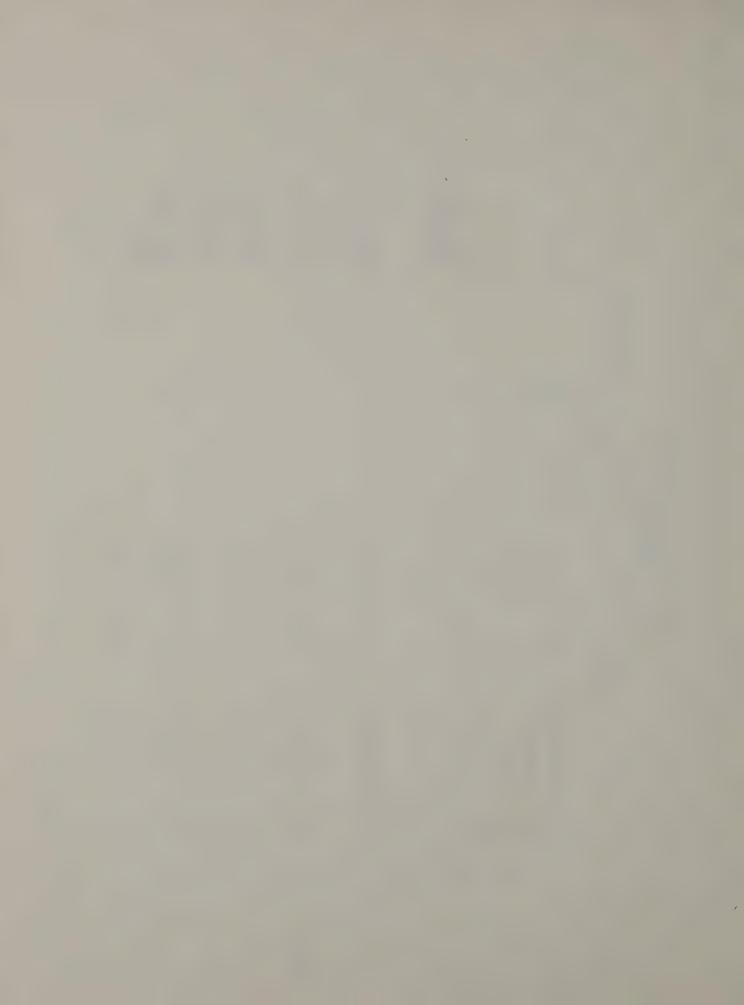


CARGENT PROJECT STATUS

ROADWAY FOUNDATION SECTION

*

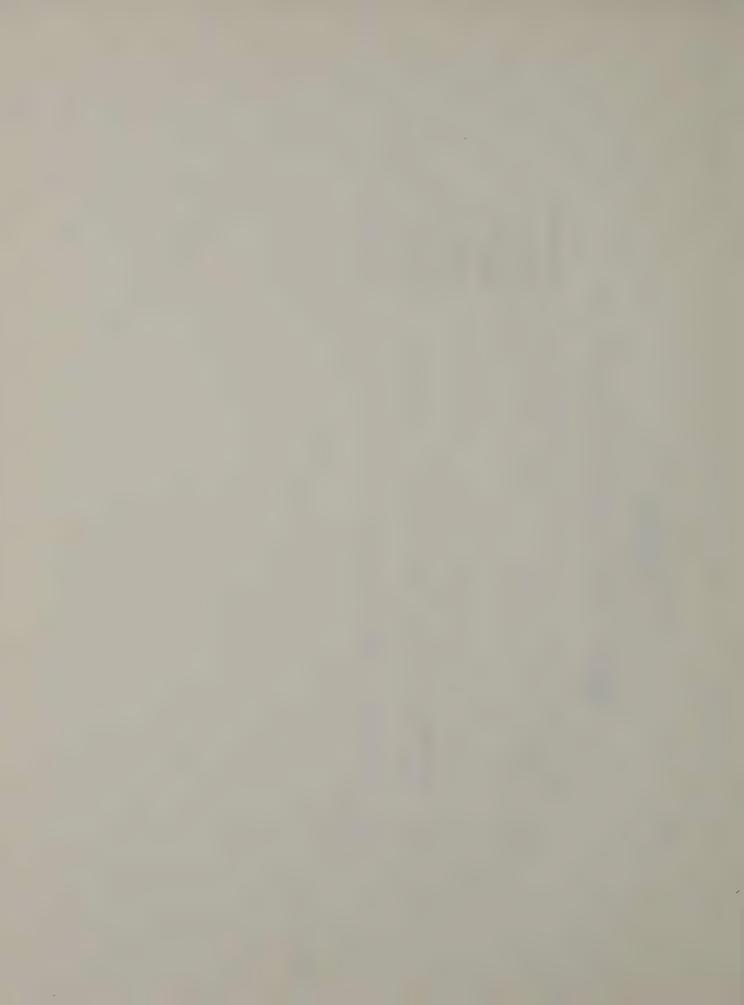
							۳. ۱ ۳. ۳					i;			ř.	m ₹	
	COMMENTS						TOP OF WALL IS SURVEYED FOR DISPLACEMENT TRICE A YEAR, DESIGN REPORT TO BE DONE IN THE NEAR FUTURE,			# Strength comparison between 7 % 28 day set types. Field testing done. Creating database.	# 1ST Draft in progress.	# Stage construction w/wick drains.	1 #1 TRB PAPER out. #2 BUREAL REPORTBureau review completed.	Ø Additional research in progress as of 2/25/86. NO ACTIVITY DURING MAY.	B RFS WILL COMPLETE MANUAL.	QLESTIONNAIRE RESPONSES EVALUATED. LITERATURE REVIEM COMPLETED. BUREAU TESTING IS BEING EVALUATED.	B No ACTIVITY.
	PROB PROB IN OUT	60	150	150	· · · · · · · · · · · · · · · · · · ·	15E	•	,	- -	™	•	1 8	2 1	-	9 1	∞	
	<u>π</u>							•	-								
	DESIGN	1 1	-	- 1	-	- 1	-			-	1	-	-	-	- 1		-
	DESIGN	11	1 1	11	11	1 1	-			-	11		-	` '	11	-	1 /
	TARGET I COMP S	12/31/36	98/38/88	11	11	12/31/86	-			98/18/66	11		98/81/86	- '	12/31/86	% 6/38/86	
******	DATA RECVD	11	11	1 1	1 1	1 1	-			-	11	1	-	-	1 1	-	1 1
***************************************	BORINGS	11	11	1 1	11	11	-			-	11	1 1	-		11	-	1 1
	PLANS	11	11	11	11	11	-				11	1 1	- '	-	- '		
***************************************	PSE	1 1	11	11	11	11	-			_	11	- '	-	-	11	-	1 1
***************************************	PROJ	11/01/84	JCI EAC 81/81/86	JCI EAC 86/29/83	JCI RLS 83/81/86	83/28/86	83/81/85			CONPLETED RLS RLS 897#1/85	REG 12/01/84	RLS #1/#1/86	95/81/86	FA WSJ 67/81/85	68/61/83	EDK REG #3/#1/85	91/81/82
I	0 M X G	1Of	JCI EAC	JCI EAC	JCI PLS	IOF	ă			25 25 25 25 25 25 25 25 25 25 25 25 25 25 25 2	FA REG	FA RLS	ď.	ZŽ.	513	EEK REG	¥
*****	STATUS	ACTIVE	ACTIVE	ACTIVE	ACTIVE	ACTIVE	BACKLOG				BACKLOG	ACTIVE	ACTIVE	ACTIVE	BACKLO6	ACTIVE	
		E353 AC	E353 AG	E363 AC	E323 VC	E354 AC	75553			E491 CO	E383 BA	E383 NO	E353 AC	E353 A0	E323 BM	E353 AC	E353 BACKLOG
	PAY FUNCT PERTOD CODE NUMBER	ŭ	Ш	ü	ш	ш	ш			ığı	ŭ	ш	ш	Li .	W	ш	
	~ H ∃	KEPOR 2	PORT 1	2	2	UMENTA 2	2			ARISN 2	2 (ul	2 (::	ONS #2 2	ATION 2	ORT 2	. 2 2	2
	PROJECT	MLD INSTRUMENTATION REPOR 2	MHITESTONE EXPWY REPORT	VANE BORER REPORT	PRESSURBIETER REVIEW	1-D SETT. PROG. DOCUMENTA 2	RTE, 212 SHADY		** CATEGORY RESEARCH & DEVELOPMENT	ELASTIZEL SIR, CHARISN	MLD 3 REPORT (design)	MLD 3 REPORT (const.)	TRB MANJAL-FOURDATIONS #2 2	DRILL LOG INTERPRETATION	RECHARGE BASINS REPORT	CLAY EMBANORNT STUDY	DUTCH CONE INTERP
	N. d.	E363	E353	ESSS	E363	E354	M384.98.791	** Subtotal **	** CATEGORY R	0735,19,321	E383A	E3/63/8	E352C	E3530	E353E	522	E3\$38



CURRENT PROJECT STATUS *
ROADWAY FOUNDATION SECTION IN

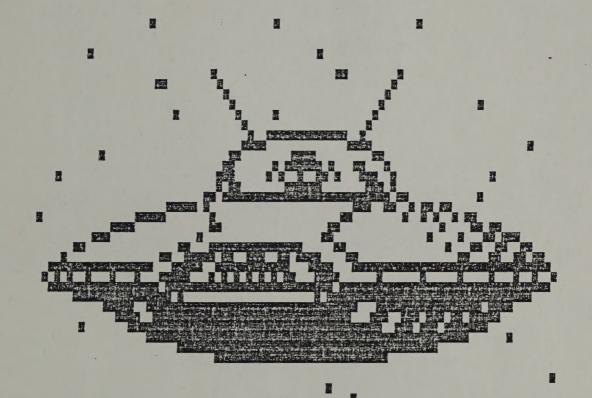
	COMPIENTS	# LAB TESTING IN PROGRESS.	# Literature research in progress (2/25/86)	# WAITING FOR REVIEW OF PROJECT SAMPLE BEFORE PROCEDING.	1 Users guide for statistical software.	,	# Long term study. Literature review in progress.	# WORK PLAN IN PREPARATION.		
		€ LAB TE	# Litera	# WAITING FOR PROJECT SAM PROCEEDING.	1 Users statis	Ø Ongoing	# Long term Literaturi progress.	# WORK P		2
	PROB PROB	~	**	448	•		-	-		E
	DESTGN	11		- 1	61 /31/86	11	-	11		
	DESTGN	11	1 1	-	' '	11	39/81/85	11		
	TARGET COPP DATE	11/01/86	1 1	- 1	- '	11	86/18/18	11 11		
*****	LAB DATA RECVD	1 1	' '	` '	- '	1 1	' '	11		
***************************************	BORINGS	11	1 1	-		11	-	11		
	PLANS	11		-	- '	1 1	-	1 1		
	:	11	- 1		1.1	11	-	11 11		
	R R RECVD	JTS RJS 12/81/85	FA MSJ 12/81/85	FA INS.J 03/19/86	COMPLETED EDK JSD 64/61/85	EDK REG 88/01/82	CONPLETED RLS RLS 83/81/84	JTS \$3/81/86		
#	STATUS	ACTIVE	ACTIVE	9	MALETED I	ACTIVE	MPLETED	ACTIVE		
	FUNCT	E323 W	E353 M	E553	υ + 523	F254 M	E362 Q	E362 AC		
	PAY PERTOD NUMBER	2	2	1.2	7	2	2	2		
	PROJECT	CONSTANT RATE OF STRAIN	Pp vs strength for Gre L 2	CLOSE SEQ.EXC. & BACGTIL 2	BADP STAT, SOFTWARE	COMPUTER DEVELOPMENT	PILE SKIN FRIC. IN CLAY	TRIAX, CU EXTENSION TEST		
	PIN	ЕЗЗЗН	EBRI	E3631.	ži.	E354J	E362K	E362K	se Subtotal se	*** Total ***

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